

M23 Stainless Steel Signal Connectors



Approvals

Tested acc. to DIN EN 61984

Features

- For applications under rough site conditions
- Variable cable clamp (Ø 5.5 – 12 mm)

Advantages

- Smooth surfaces against contamination
- Resistant against oxidation and acid
- Operating in chemical, aggressive gas and wet environments
- UL certification available. Contact the factory for relevant part numbers

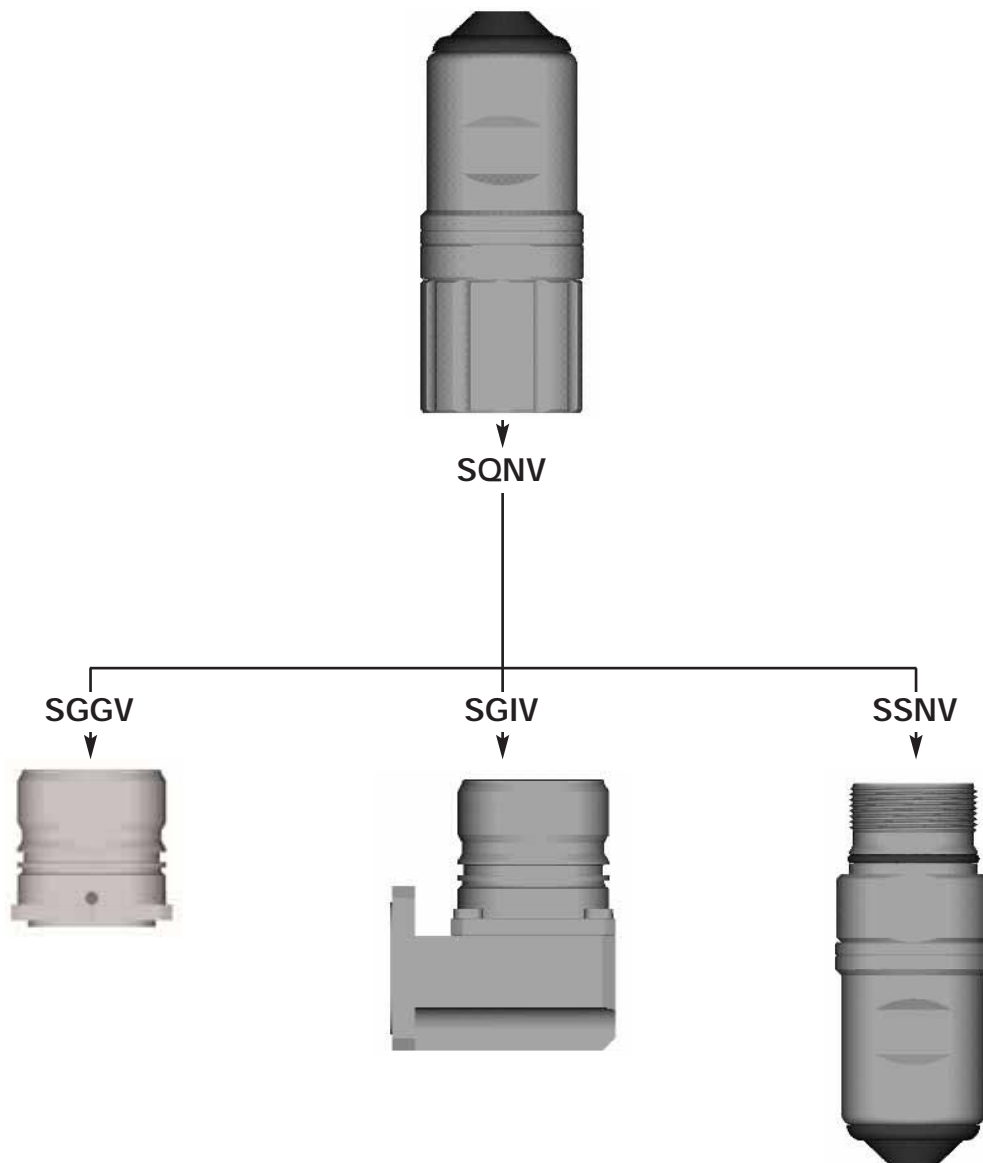
Markets

Stainless steel quality for applications under rough site conditions, for the foodstuff and beverage industry, maritime applications and for medical technology

Technical Characteristics

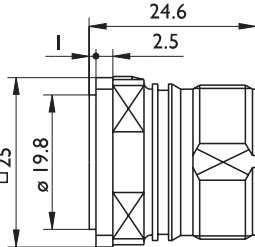
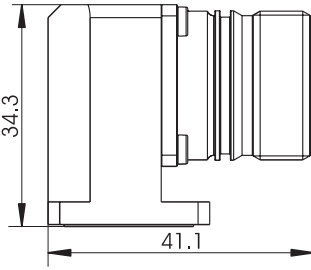
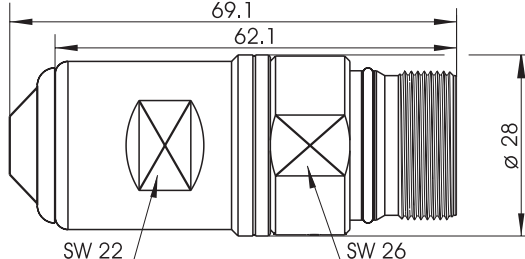
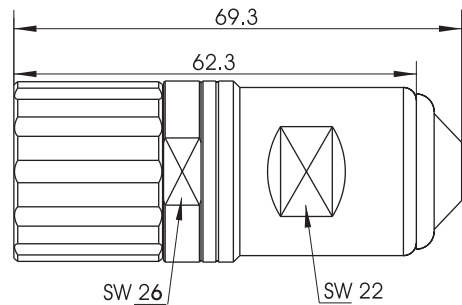
Number of ways:	6way, 7way, 9way, 12way, 16way, 17way
Contact diameter:	6way, 7way, 9way, 12way, 16way, 17way 6way (6 x 2mm) 7way (7 x 2mm) 9way (8 x 1mm + 1 x 2mm); (6 x 1mm + 3 x 2mm); (9 x 1mm) 12way (12 x 1mm) 16way (16 x 1mm) 17way (17 x 1mm)
Nominal current (VDE) / 20°C:	Ø 1 mm 9 A Ø 2 mm 20 A
Contact resistance:	Ø 1 mm <3 mΩ Ø 2 mm <1,3 mΩ
Connector life cycle	500 mating cycles
Rated impulse voltage	Ø 1 mm 2,5 kV Ø 2 mm 2,5 kV
Max. operating voltage (Vrms):	Ø 1 mm 125 Ø 2 mm 125
Operating temperature range:	-40 °C to +125°C
Storage conditions	-40°C to +70°C / humidity 40%
Insulation resistance	Ø 1 mm 10 ¹² Ωcm Ø 2 mm 10 ¹⁶ Ωcm
Insulator material	PA, PBT
Contacts: a) material; b) plating	a) CuZn alloy, tin-bronze b) gold plated and partly gold plated
Shell: material	stainless steel V2A 1.4305
Seals:	FKM, EPDM
IP code:	IP 67 mated
Contamination level:	3
Over voltage category:	III
Installation altitude:	up to 2000 m

Connector type overview



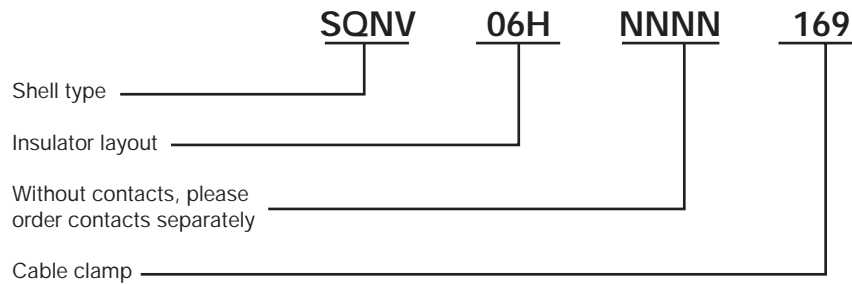
Connector dimensions

Stainless steel quality

TYPE	DESCRIPTION	DRAWING
SGGV	Straight receptacle with axial sealing to the device, mounting holes for flange 2.7 mm, stainless steel quality	
SGIV	Fixed angled receptacle with axial sealing to the device, mounting holes for flange 2.7mm, stainless steel quality	
SSNV	Extension with variable shield connection and cable clamp from Ø 5.5 to 12 mm, stainless steel quality	
SQNV	Plug with variable shield connection and cable clamp from Ø 5.5 to 12 mm, stainless steel quality	

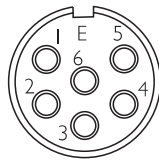
Dimensions are in mm

Ordering information guide



Ordering Information

Receptacle 6way
(6 x 2mm)

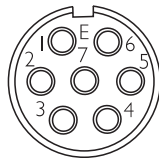


06G

Insulator seen from wired side

Connectors including insulator	Part numbers
Straight receptacle with axial sealing to the device, mounting holes for flange 2.7 mm, stainless steel quality	SGGV06GNNNN000
Fixed angled receptacle with axial sealing to the device, mounting holes for flange 2.7mm, stainless steel quality	SGIV06GNNNN000
Contacts <i>please order separately</i>	Part numbers
Crimp pin Ø 2mm, 0,75 – 2,5 mm ² , AWG 18-14	021.310.1020
Crimp socket Ø 2mm, 0,5 – 1,5 mm ² , AWG 20-16	020.315.1020
Tools <i>please order separately</i>	Part numbers
Crimp tool Ø 2 mm	B-151
Positioner Ø 2 mm	B-201

Receptacle 7way
(7 x 2mm)



07C

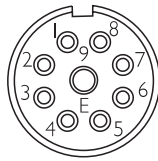
Insulator seen from wired side

Connectors including insulator	Part numbers
Straight receptacle with axial sealing to the device, mounting holes for flange 2.7 mm, stainless steel quality	SGGV07CNNNN000
Fixed angled receptacle with axial sealing to the device, mounting holes for flange 2.7mm, stainless steel quality	SGIV07CNNNN000
Contacts <i>please order separately</i>	Part numbers
Crimp pin Ø 2mm, 0,75 – 2,5 mm ² , AWG 18-14	021.310.1020
Crimp socket Ø 2mm, 0,5 – 1,5 mm ² , AWG 20-16	020.315.1020
Tools <i>please order separately</i>	Part numbers
Crimp tool Ø 2 mm	B-151
Positioner Ø 2 mm	B-201

Ordering Information

Receptacle 9way (8 x 1mm + 1 x 2mm)

Insulator seen from wired side

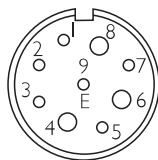


09E

Connectors including insulator	Part numbers
Straight receptacle with axial sealing to the device, mounting holes for flange 2.7 mm, stainless steel quality	SGGV09ENNNN000
Fixed angled receptacle with axial sealing to the device, mounting holes for flange 2.7mm, stainless steel quality	SGIV09ENNNN000
Contacts <i>please order separately</i>	Part numbers
Crimp pin Ø 1mm, 0,24 – 1,0 mm ² , AWG 24-18	021.311.1020
Crimp pin Ø 2mm, 0,75 – 2,5 mm ² , AWG 18-14	021.310.1020
Crimp socket Ø 1mm, 0,24 – 1,0 mm ² , AWG 24-18	020.256.1020
Crimp socket Ø 2mm, 0,5 – 1,5 mm ² , AWG 20-16	020.315.1020
Tools <i>please order separately</i>	Part numbers
Crimp tool Ø 2mm	B-151
Crimp tool Ø 1mm	B-150
Positioner Ø 2mm	B-201
Positioner Ø 1mm	B-055/A

Receptacle 9way (6 x 1mm + 3 x 2mm)

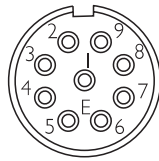
Insulator seen from wired side



09G

Connectors including insulator	Part numbers
Straight receptacle with axial sealing to the device, mounting holes for flange 2.7 mm, stainless steel quality	SGGV09GNNNN000
Fixed angled receptacle with axial sealing to the device, mounting holes for flange 2.7mm, stainless steel quality	SGIV09GNNNN000
Contacts <i>please order separately</i>	Part numbers
Crimp pin Ø 1mm, 0,24 – 1,0 mm ² , AWG 24-18	021.311.1020
Crimp pin Ø 2mm, 0,75 – 2,5 mm ² , AWG 18-14	021.310.1020
Crimp socket Ø 1mm, 0,24 – 1,0 mm ² , AWG 24-18	020.256.1020
Crimp socket Ø 2mm, 0,5 – 1,5 mm ² , AWG 20-16	020.315.1020
Tools <i>please order separately</i>	Part numbers
Crimp tool Ø 2mm	B-151
Crimp tool Ø 1mm	B-150
Positioner Ø 2mm	B-201
Positioner Ø 1mm	B-055/A

Ordering Information

Receptacle 9 way
(9 x 1mm)

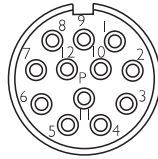
Insulator seen from wired side

09J

Connectors including insulator	Part numbers
Straight receptacle with axial sealing to the device, mounting holes for flange 2.7 mm, stainless steel quality	SGGV09JNNNN000
Fixed angled receptacle with axial sealing to the device, mounting holes for flange 2.7mm, stainless steel quality	SGIV09JNNNN000
Contacts <i>please order separately</i>	Part numbers
Crimp pin Ø 1mm, 0,24 – 1,0 mm ² , AWG 24-18	021.311.1020
Crimp pin Ø 1mm, 0,05 – 0,34 mm ² , AWG 30 - 22	021.402.1020
Stamped/rolled pin Ø 1mm, 0,03 – 0,08 mm ² , AWG 32-28 HCS™	021.001005.1025 (9000 pcs./reel)
Stamped/rolled pin Ø 1mm, 0,03 – 0,08 mm ² , AWG 32-28 HCS™	021.001005.1025.A2 (300 pcs./reel)
Stamped/rolled pin Ø 1mm, 0,08 – 0,2 mm ² , AWG 28-24 HCS™	021.001006.1025 (9000 pcs./reel)
Stamped/rolled pin Ø 1mm, 0,08 – 0,2 mm ² , AWG 28-24 HCS™	021.001006.1025.A2 (300 pcs./reel)
Stamped/rolled pin Ø 1mm, 0,2 – 0,5 mm ² , AWG 24-20 HCS™	021.001007.1025 (9000 pcs./reel)
Stamped/rolled pin Ø 1mm, 0,2 – 0,5 mm ² , AWG 24-20 HCS™	021.001007.1025.A2 (300 pcs./reel)
Stamped/rolled pin Ø 1mm, 0,75 – 1,0 mm ² , AWG 18 HCS™	021.001008.1025 (9000 pcs./reel)
Stamped/rolled pin Ø 1mm, 0,75 – 1,0 mm ² , AWG 18 HCS™	021.001008.1025.A2 (300 pcs./reel)
Crimp socket Ø 1mm, 0,24 – 1,0 mm ² , AWG 24-18	020.256.1020
Crimp socket Ø 1mm, 0,05 – 0,34 mm ² , AWG 30 - 22	020.353.1020
Stamped/rolled socket Ø 1mm, 0,03 – 0,08 mm ² , AWG 32-28 HCS™	020.000376.2000 (9000 pcs./reel)
Stamped/rolled socket Ø 1mm, 0,03 – 0,08 mm ² , AWG 32-28 HCS™	020.000376.2000.A2 (300 pcs./reel)
Stamped/rolled socket Ø 1mm, 0,08 – 0,2 mm ² , AWG 28-24 HCS™	020.000377.2000 (9000 pcs./reel)
Stamped/rolled socket Ø 1mm, 0,08 – 0,2 mm ² , AWG 28-24 HCS™	020.000377.2000.A2 (300 pcs./reel)
Stamped/rolled socket Ø 1mm, 0,2 – 0,5 mm ² , AWG 24-20 HCS™	020.000378.2000 (9000 pcs./reel)
Stamped/rolled socket Ø 1mm, 0,2 – 0,5 mm ² , AWG 24-20 HCS™	020.000378.2000.A2 (300 pcs./reel)
Stamped/rolled socket Ø 1mm, 0,75 – 1,0 mm ² , AWG 18 HCS™	020.000379.2000 (9000 pcs./reel)
Stamped/rolled socket Ø 1mm, 0,75 – 1,0 mm ² , AWG 18 HCS™	020.000379.2000.A2 (300 pcs./reel)
Tools <i>please order separately</i>	Part numbers
Crimp tool Ø 1mm	B-150
Positioner Ø 1mm	B-055/A
Tools for stamped/rolled contacts <i>please order separately</i>	Part numbers
Hand crimping tool AWG 32-28	B-287/32-28
Applicator for crimping tool (Schäfer) AWG 32-28	B-288/32-28
Applicator for crimping tool (Kirsten PP3) AWG 32-28	B-286/32-28
Hand crimping tool AWG 28-24	B-287/28-24
Applicator for crimping tool (Schäfer) AWG 28-24	B-288/28-24
Applicator for crimping tool (Kirsten PP3) AWG 28-24	B-286/28-24
Hand crimping tool AWG 24-20	B-287/24-20
Applicator for crimping tool (Schäfer) AWG 24-20	B-288/24-20
Applicator for crimping tool (Kirsten PP3) AWG 24-20	B-286/24-20
Hand crimping tool 0,75 – 1 mm ²	B-287/0,75-1
Applicator for crimping tool (Schäfer) 0,75 – 1 mm ²	B-288/0,75-1
Applicator for crimping tool (Kirsten PP3) 0,75 – 1 mm ²	B-286/0,75-1

Ordering Information

Receptacle 12way (12 x 1mm)

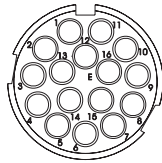


Insulator seen from wired side

12T

Connectors including insulator	Part numbers
Straight receptacle with axial sealing to the device, mounting holes for flange 2.7 mm, stainless steel quality	SGGV12TNNNN000
Fixed angled receptacle with axial sealing to the device, mounting holes for flange 2.7mm, stainless steel quality	SGIV12TNNNN000
Contacts <i>please order separately</i>	Part numbers
Crimp pin Ø 1mm, 0,24 – 1,0 mm ² , AWG 24-18	021.311.1020
Crimp pin Ø 1mm, 0,05 – 0,34 mm ² , AWG 30 - 22	021.402.1020
Stamped/rolled pin Ø 1mm, 0,03 – 0,08 mm ² , AWG 32-28 HCS™	021.001005.1025 (9000 pcs./reel)
Stamped/rolled pin Ø 1mm, 0,03 – 0,08 mm ² , AWG 32-28 HCS™	021.001005.1025.A2 (300 pcs./reel)
Stamped/rolled pin Ø 1mm, 0,08 – 0,2 mm ² , AWG 28-24 HCS™	021.001006.1025 (9000 pcs./reel)
Stamped/rolled pin Ø 1mm, 0,08 – 0,2 mm ² , AWG 28-24 HCS™	021.001006.1025.A2 (300 pcs./reel)
Stamped/rolled pin Ø 1mm, 0,2 – 0,5 mm ² , AWG 24-20 HCS™	021.001007.1025 (9000 pcs./reel)
Stamped/rolled pin Ø 1mm, 0,2 – 0,5 mm ² , AWG 24-20 HCS™	021.001007.1025.A2 (300 pcs./reel)
Stamped/rolled pin Ø 1mm, 0,75 – 1,0 mm ² , AWG 18 HCS™	021.001008.1025 (9000 pcs./reel)
Stamped/rolled pin Ø 1mm, 0,75 – 1,0 mm ² , AWG 18 HCS™	021.001008.1025.A2 (300 pcs./reel)
Crimp socket Ø 1mm, 0,24 – 1,0 mm ² , AWG 24-18	020.256.1020
Crimp socket Ø 1mm, 0,05 – 0,34 mm ² , AWG 30 - 22	020.353.1020
Stamped/rolled socket Ø 1mm, 0,03 – 0,08 mm ² , AWG 32-28 HCS™	020.000376.2000 (9000 pcs./reel)
Stamped/rolled socket Ø 1mm, 0,03 – 0,08 mm ² , AWG 32-28 HCS™	020.000376.2000.A2 (300 pcs./reel)
Stamped/rolled socket Ø 1mm, 0,08 – 0,2 mm ² , AWG 28-24 HCS™	020.000377.2000 (9000 pcs./reel)
Stamped/rolled socket Ø 1mm, 0,08 – 0,2 mm ² , AWG 28-24 HCS™	020.000377.2000.A2 (300 pcs./reel)
Stamped/rolled socket Ø 1mm, 0,2 – 0,5 mm ² , AWG 24-20 HCS™	020.000378.2000 (9000 pcs./reel)
Stamped/rolled socket Ø 1mm, 0,2 – 0,5 mm ² , AWG 24-20 HCS™	020.000378.2000.A2 (300 pcs./reel)
Stamped/rolled socket Ø 1mm, 0,75 – 1,0 mm ² , AWG 18 HCS™	020.000379.2000 (9000 pcs./reel)
Stamped/rolled socket Ø 1mm, 0,75 – 1,0 mm ² , AWG 18 HCS™	020.000379.2000.A2 (300 pcs./reel)
Tools <i>please order separately</i>	Part numbers
Crimp tool Ø 1mm	B-150
Positioner Ø 1mm	B-055/A
Tools for stamped/rolled contacts <i>please order separately</i>	Part numbers
Hand crimping tool AWG 32-28	B-287/32-28
Applicator for crimping tool (Schäfer) AWG 32-28	B-288/32-28
Applicator for crimping tool (Kirsten PP3) AWG 32-28	B-286/32-28
Hand crimping tool AWG 28-24	B-287/28-24
Applicator for crimping tool (Schäfer) AWG 28-24	B-288/28-24
Applicator for crimping tool (Kirsten PP3) AWG 28-24	B-286/28-24
Hand crimping tool AWG 24-20	B-287/24-20
Applicator for crimping tool (Schäfer) AWG 24-20	B-288/24-20
Applicator for crimping tool (Kirsten PP3) AWG 24-20	B-286/24-20
Hand crimping tool 0,75 – 1 mm ²	B-287/0,75-1
Applicator for crimping tool (Schäfer) 0,75 – 1 mm ²	B-288/0,75-1
Applicator for crimping tool (Kirsten PP3) 0,75 – 1 mm ²	B-286/0,75-1

Ordering Information

Receptacle 16way
(16 x 1mm)

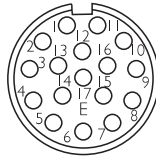
Insulator seen from wired side

16A

Connectors including insulator	Part numbers
Straight receptacle with axial sealing to the device, mounting holes for flange 2.7 mm, stainless steel quality	SGGV16ANNNN000
Fixed angled receptacle with axial sealing to the device, mounting holes for flange 2.7mm, stainless steel quality	SGIV16ANNNN000
Contacts <i>please order separately</i>	Part numbers
Crimp pin Ø 1mm, 0,24 – 1,0 mm ² , AWG 24-18	021.311.1020
Crimp pin Ø 1mm, 0,05 – 0,34 mm ² , AWG 30 - 22	021.402.1020
Stamped/rolled pin Ø 1mm, 0,03 – 0,08 mm ² , AWG 32-28 HCS™	021.001005.1025 (9000 pcs./reel)
Stamped/rolled pin Ø 1mm, 0,03 – 0,08 mm ² , AWG 32-28 HCS™	021.001005.1025.A2 (300 pcs./reel)
Stamped/rolled pin Ø 1mm, 0,08 – 0,2 mm ² , AWG 28-24 HCS™	021.001006.1025 (9000 pcs./reel)
Stamped/rolled pin Ø 1mm, 0,08 – 0,2 mm ² , AWG 28-24 HCS™	021.001006.1025.A2 (300 pcs./reel)
Stamped/rolled pin Ø 1mm, 0,2 – 0,5 mm ² , AWG 24-20 HCS™	021.001007.1025 (9000 pcs./reel)
Stamped/rolled pin Ø 1mm, 0,2 – 0,5 mm ² , AWG 24-20 HCS™	021.001007.1025.A2 (300 pcs./reel)
Stamped/rolled pin Ø 1mm, 0,75 – 1,0 mm ² , AWG 18 HCS™	021.001008.1025 (9000 pcs./reel)
Stamped/rolled pin Ø 1mm, 0,75 – 1,0 mm ² , AWG 18 HCS™	021.001008.1025.A2 (300 pcs./reel)
Crimp socket Ø 1mm, 0,24 – 1,0 mm ² , AWG 24-18	020.256.1020
Crimp socket Ø 1mm, 0,05 – 0,34 mm ² , AWG 30 - 22	020.353.1020
Stamped/rolled socket Ø 1mm, 0,03 – 0,08 mm ² , AWG 32-28 HCS™	020.000376.2000 (9000 pcs./reel)
Stamped/rolled socket Ø 1mm, 0,03 – 0,08 mm ² , AWG 32-28 HCS™	020.000376.2000.A2 (300 pcs./reel)
Stamped/rolled socket Ø 1mm, 0,08 – 0,2 mm ² , AWG 28-24 HCS™	020.000377.2000 (9000 pcs./reel)
Stamped/rolled socket Ø 1mm, 0,08 – 0,2 mm ² , AWG 28-24 HCS™	020.000377.2000.A2 (300 pcs./reel)
Stamped/rolled socket Ø 1mm, 0,2 – 0,5 mm ² , AWG 24-20 HCS™	020.000378.2000 (9000 pcs./reel)
Stamped/rolled socket Ø 1mm, 0,2 – 0,5 mm ² , AWG 24-20 HCS™	020.000378.2000.A2 (300 pcs./reel)
Stamped/rolled socket Ø 1mm, 0,75 – 1,0 mm ² , AWG 18 HCS™	020.000379.2000 (9000 pcs./reel)
Stamped/rolled socket Ø 1mm, 0,75 – 1,0 mm ² , AWG 18 HCS™	020.000379.2000.A2 (300 pcs./reel)
Tools <i>please order separately</i>	Part numbers
Crimp tool Ø 1mm	B-150
Positioner Ø 1mm	B-055/A
Tools for stamped/rolled contacts <i>please order separately</i>	Part numbers
Hand crimping tool AWG 32-28	B-287/32-28
Applicator for crimping tool (Schäfer) AWG 32-28	B-288/32-28
Applicator for crimping tool (Kirsten PP3) AWG 32-28	B-286/32-28
Hand crimping tool AWG 28-24	B-287/28-24
Applicator for crimping tool (Schäfer) AWG 28-24	B-288/28-24
Applicator for crimping tool (Kirsten PP3) AWG 28-24	B-286/28-24
Hand crimping tool AWG 24-20	B-287/24-20
Applicator for crimping tool (Schäfer) AWG 24-20	B-288/24-20
Applicator for crimping tool (Kirsten PP3) AWG 24-20	B-286/24-20
Hand crimping tool 0,75 – 1 mm ²	B-287/0,75-1
Applicator for crimping tool (Schäfer) 0,75 – 1 mm ²	B-288/0,75-1
Applicator for crimping tool (Kirsten PP3) 0,75 – 1 mm ²	B-286/0,75-1

Ordering Information

Receptacle 17way
(17 x 1mm)

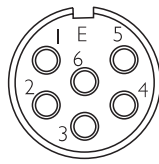


Insulator seen from wired side

17G

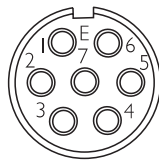
Connectors including insulator	Part numbers
Straight receptacle with axial sealing to the device, mounting holes for flange 2.7 mm, stainless steel quality	SGGV17GNNNN000
Fixed angled receptacle with axial sealing to the device, mounting holes for flange 2.7mm, stainless steel quality	SGIV17GNNNN000
Contacts <i>please order separately</i>	Part numbers
Crimp pin Ø 1mm, 0,24 – 1,0 mm ² , AWG 24-18	021.311.1020
Crimp pin Ø 1mm, 0,05 – 0,34 mm ² , AWG 30 - 22	021.402.1020
Stamped/rolled pin Ø 1mm, 0,03 – 0,08 mm ² , AWG 32-28 HCS™	021.001005.1025 (9000 pcs./reel)
Stamped/rolled pin Ø 1mm, 0,03 – 0,08 mm ² , AWG 32-28 HCS™	021.001005.1025.A2 (300 pcs./reel)
Stamped/rolled pin Ø 1mm, 0,08 – 0,2 mm ² , AWG 28-24 HCS™	021.001006.1025 (9000 pcs./reel)
Stamped/rolled pin Ø 1mm, 0,08 – 0,2 mm ² , AWG 28-24 HCS™	021.001006.1025.A2 (300 pcs./reel)
Stamped/rolled pin Ø 1mm, 0,2 – 0,5 mm ² , AWG 24-20 HCS™	021.001007.1025 (9000 pcs./reel)
Stamped/rolled pin Ø 1mm, 0,2 – 0,5 mm ² , AWG 24-20 HCS™	021.001007.1025.A2 (300 pcs./reel)
Stamped/rolled pin Ø 1mm, 0,75 – 1,0 mm ² , AWG 18 HCS™	021.001008.1025 (9000 pcs./reel)
Stamped/rolled pin Ø 1mm, 0,75 – 1,0 mm ² , AWG 18 HCS™	021.001008.1025.A2 (300 pcs./reel)
Crimp socket Ø 1mm, 0,24 – 1,0 mm ² , AWG 24-18	020.256.1020
Crimp socket Ø 1mm, 0,05 – 0,34 mm ² , AWG 30 - 22	020.353.1020
Stamped/rolled socket Ø 1mm, 0,03 – 0,08 mm ² , AWG 32-28 HCS™	020.000376.2000 (9000 pcs./reel)
Stamped/rolled socket Ø 1mm, 0,03 – 0,08 mm ² , AWG 32-28 HCS™	020.000376.2000.A2 (300 pcs./reel)
Stamped/rolled socket Ø 1mm, 0,08 – 0,2 mm ² , AWG 28-24 HCS™	020.000377.2000 (9000 pcs./reel)
Stamped/rolled socket Ø 1mm, 0,08 – 0,2 mm ² , AWG 28-24 HCS™	020.000377.2000.A2 (300 pcs./reel)
Stamped/rolled socket Ø 1mm, 0,2 – 0,5 mm ² , AWG 24-20 HCS™	020.000378.2000 (9000 pcs./reel)
Stamped/rolled socket Ø 1mm, 0,2 – 0,5 mm ² , AWG 24-20 HCS™	020.000378.2000.A2 (300 pcs./reel)
Stamped/rolled socket Ø 1mm, 0,75 – 1,0 mm ² , AWG 18 HCS™	020.000379.2000 (9000 pcs./reel)
Stamped/rolled socket Ø 1mm, 0,75 – 1,0 mm ² , AWG 18 HCS™	020.000379.2000.A2 (300 pcs./reel)
Tools <i>please order separately</i>	Part numbers
Crimp tool Ø 1mm	B-150
Positioner Ø 1mm	B-055/A
Tools for stamped/rolled contacts <i>please order separately</i>	Part numbers
Hand crimping tool AWG 32-28	B-287/32-28
Applicator for crimping tool (Schäfer) AWG 32-28	B-288/32-28
Applicator for crimping tool (Kirsten PP3) AWG 32-28	B-286/32-28
Hand crimping tool AWG 28-24	B-287/28-24
Applicator for crimping tool (Schäfer) AWG 28-24	B-288/28-24
Applicator for crimping tool (Kirsten PP3) AWG 28-24	B-286/28-24
Hand crimping tool AWG 24-20	B-287/24-20
Applicator for crimping tool (Schäfer) AWG 24-20	B-288/24-20
Applicator for crimping tool (Kirsten PP3) AWG 24-20	B-286/24-20
Hand crimping tool 0,75 – 1 mm ²	B-287/0,75-1
Applicator for crimping tool (Schäfer) 0,75 – 1 mm ²	B-288/0,75-1
Applicator for crimping tool (Kirsten PP3) 0,75 – 1 mm ²	B-286/0,75-1

Ordering Information

 Extension 6way
 (6 x 2 mm)

Insulator seen from wired side

06G

Connectors including insulator and cable clamp	Part numbers
Extension with variable shield connection and cable clamp from Ø 5.5 to 12 mm, stainless steel quality	SSNV06GNNNN169
Contacts <i>please order separately</i>	Part numbers
Crimp pin Ø 2mm, 0,75 – 2,5 mm ² , AWG 18-14	021.310.1020
Crimp socket Ø 2mm, 0,5 – 1,5 mm ² , AWG 20-16	020.315.1020
Tools <i>please order separately</i>	Part numbers
Crimp tool Ø 2mm	B-151
Positioner Ø 2mm	B-201

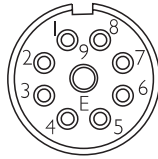
 Extension 7way
 (7 x 2 mm)

Insulator seen from wired side

07C

Connectors including insulator and cable clamp	Part numbers
Extension with variable shield connection and cable clamp from Ø 5.5 to 12 mm, stainless steel quality	SSNV07CNNNN169
Contacts <i>please order separately</i>	Part numbers
Crimp pin Ø 2mm, 0,75 – 2,5 mm ² , AWG 18-14	021.310.1020
Crimp socket Ø 2mm, 0,5 – 1,5 mm ² , AWG 20-16	020.315.1020
Tools <i>please order separately</i>	Part numbers
Crimp tool Ø 2mm	B-151
Positioner Ø 2mm	B-201

Ordering Information

Extension 9way
(8 x 1mm + 1 x 2mm)

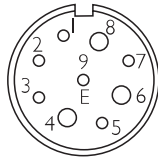


Insulator seen from wired side

09E

Connectors including insulator and cable clamp	Part numbers
Extension with variable shield connection and cable clamp from Ø 5.5 to 12 mm, stainless steel quality	SSNV09ENNNN169
Contacts <i>please order separately</i>	Part numbers
Crimp pin Ø 1mm, 0,24 – 1,0 mm ² , AWG 24-18	021.311.1020
Crimp pin Ø 2mm, 0,75 – 2,5 mm ² , AWG 18-14	021.310.1020
Crimp socket Ø 1mm, 0,24 – 1,0 mm ² , AWG 24-18	020.256.1020
Crimp socket Ø 2mm, 0,5 – 1,5 mm ² , AWG 20-16	020.315.1020
Tools <i>please order separately</i>	Part numbers
Crimp tool Ø 2mm	B-151
Crimp tool Ø 1mm	B-150
Positioner Ø 2mm	B-201
Positioner Ø 1mm	B-055/A

Extension 9way
(6 x 1mm + 3 x 2mm)

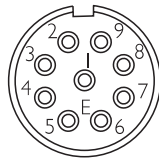


Insulator seen from wired side

09G

Connectors including insulator and cable clamp	Part numbers
Extension with variable shield connection and cable clamp from Ø 5.5 to 12 mm, stainless steel quality	SSNV09GNNNN169
Contacts <i>please order separately</i>	Part numbers
Crimp pin Ø 1mm, 0,24 – 1,0 mm ² , AWG 24-18	021.311.1020
Crimp pin Ø 2mm, 0,75 – 2,5 mm ² , AWG 18-14	021.310.1020
Crimp socket Ø 1mm, 0,24 – 1,0 mm ² , AWG 24-18	020.256.1020
Crimp socket Ø 2mm, 0,5 – 1,5 mm ² , AWG 20-16	020.315.1020
Tools <i>please order separately</i>	Part numbers
Crimp tool Ø 2mm	B-151
Crimp tool Ø 1mm	B-150
Positioner Ø 2mm	B-201
Positioner Ø 1mm	B-055/A

Ordering Information

Extension 9way
(9 x 1mm)

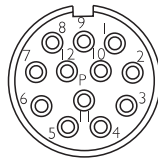
Insulator seen from wired side

09J

Connectors including insulator and cable clamp	Part numbers
Extension with variable shield connection and cable clamp from Ø 5.5 to 12 mm, stainless steel quality	SSNV09JNNNN169
Contacts <i>please order separately</i>	Part numbers
Crimp pin Ø 1mm, 0,24 – 1,0 mm ² , AWG 24-18	021.311.1020
Crimp pin Ø 1mm, 0,05 – 0,34 mm ² , AWG 30-22	021.402.1020
Stamped/rolled pin Ø 1mm, 0,03 – 0,08 mm ² , AWG 32-28 HCS™	021.001005.1025 (9000 pcs./reel)
Stamped/rolled pin Ø 1mm, 0,03 – 0,08 mm ² , AWG 32-28 HCS™	021.001005.1025.A2 (300 pcs./reel)
Stamped/rolled pin Ø 1mm, 0,08 – 0,2 mm ² , AWG 28-24 HCS™	021.001006.1025 (9000 pcs./reel)
Stamped/rolled pin Ø 1mm, 0,08 – 0,2 mm ² , AWG 28-24 HCS™	021.001006.1025.A2 (300 pcs./reel)
Stamped/rolled pin Ø 1mm, 0,2 – 0,5 mm ² , AWG 24-20 HCS™	021.001007.1025 (9000 pcs./reel)
Stamped/rolled pin Ø 1mm, 0,2 – 0,5 mm ² , AWG 24-20 HCS™	021.001007.1025.A2 (300 pcs./reel)
Stamped/rolled pin Ø 1mm, 0,75 – 1,0 mm ² , AWG 18 HCS™	021.001008.1025 (9000 pcs./reel)
Stamped/rolled pin Ø 1mm, 0,75 – 1,0 mm ² , AWG 18 HCS™	021.001008.1025.A2 (300 pcs./reel)
Crimp socket Ø 1mm, 0,24 – 1,0 mm ² , AWG 24-18	020.256.1020
Crimp socket Ø 1mm, 0,05 – 0,34 mm ² , AWG 30-22	020.353.1020
Stamped/rolled socket Ø 1mm, 0,03 – 0,08 mm ² , AWG 32-28 HCS™	020.000376.2000 (9000 pcs./reel)
Stamped/rolled socket Ø 1mm, 0,03 – 0,08 mm ² , AWG 32-28 HCS™	020.000376.2000.A2 (300 pcs./reel)
Stamped/rolled socket Ø 1mm, 0,08 – 0,2 mm ² , AWG 28-24 HCS™	020.000377.2000 (9000 pcs./reel)
Stamped/rolled socket Ø 1mm, 0,08 – 0,2 mm ² , AWG 28-24 HCS™	020.000377.2000.A2 (300 pcs./reel)
Stamped/rolled socket Ø 1mm, 0,2 – 0,5 mm ² , AWG 24-20 HCS™	020.000378.2000 (9000 pcs./reel)
Stamped/rolled socket Ø 1mm, 0,2 – 0,5 mm ² , AWG 24-20 HCS™	020.000378.2000.A2 (300 pcs./reel)
Stamped/rolled socket Ø 1mm, 0,75 – 1,0 mm ² , AWG 18 HCS™	020.000379.2000 (9000 pcs./reel)
Stamped/rolled socket Ø 1mm, 0,75 – 1,0 mm ² , AWG 18 HCS™	020.000379.2000.A2 (300 pcs./reel)
Tools <i>please order separately</i>	Part numbers
Crimp tool Ø 1mm	B-150
Positioner Ø 1mm	B-055/A
Tools for stamped/rolled contacts <i>please order separately</i>	Part numbers
Hand crimping tool AWG 32-28	B-287/32-28
Applicator for crimping tool (Schäfer) AWG 32-28	B-288/32-28
Applicator for crimping tool (Kirsten PP3) AWG 32-28	B-286/32-28
Hand crimping tool AWG 28-24	B-287/28-24
Applicator for crimping tool (Schäfer) AWG 28-24	B-288/28-24
Applicator for crimping tool (Kirsten PP3) AWG 28-24	B-286/28-24
Hand crimping tool AWG 24-20	B-287/24-20
Applicator for crimping tool (Schäfer) AWG 24-20	B-288/24-20
Applicator for crimping tool (Kirsten PP3) AWG 24-20	B-286/24-20
Hand crimping tool 0,75 – 1 mm ²	B-287/0,75-1
Applicator for crimping tool (Schäfer) 0,75 – 1 mm ²	B-288/0,75-1
Applicator for crimping tool (Kirsten PP3) 0,75 – 1 mm ²	B-286/0,75-1

Ordering Information

Extension 12way (12 x 1mm)

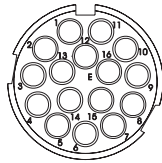


Insulator seen from wired side

12T

Connectors including insulator and cable clamp	Part numbers
Extension with variable shield connection and cable clamp from Ø 5.5 to 12 mm, stainless steel quality	SSNV12TNNNN169
Contacts <i>please order separately</i>	Part numbers
Crimp pin Ø 1mm, 0,24 – 1,0 mm ² , AWG 24-18	021.311.1020
Crimp pin Ø 1mm, 0,05 – 0,34 mm ² , AWG 30-22	021.402.1020
Stamped/rolled pin Ø 1mm, 0,03 – 0,08 mm ² , AWG 32-28 HCS™	021.001005.1025 (9000 pcs./reel)
Stamped/rolled pin Ø 1mm, 0,03 – 0,08 mm ² , AWG 32-28 HCS™	021.001005.1025.A2 (300 pcs./reel)
Stamped/rolled pin Ø 1mm, 0,08 – 0,2 mm ² , AWG 28-24 HCS™	021.001006.1025 (9000 pcs./reel)
Stamped/rolled pin Ø 1mm, 0,08 – 0,2 mm ² , AWG 28-24 HCS™	021.001006.1025.A2 (300 pcs./reel)
Stamped/rolled pin Ø 1mm, 0,2 – 0,5 mm ² , AWG 24-20 HCS™	021.001007.1025 (9000 pcs./reel)
Stamped/rolled pin Ø 1mm, 0,2 – 0,5 mm ² , AWG 24-20 HCS™	021.001007.1025.A2 (300 pcs./reel)
Stamped/rolled pin Ø 1mm, 0,75 – 1,0 mm ² , AWG 18 HCS™	021.001008.1025 (9000 pcs./reel)
Stamped/rolled pin Ø 1mm, 0,75 – 1,0 mm ² , AWG 18 HCS™	021.001008.1025.A2 (300 pcs./reel)
Crimp socket Ø 1mm, 0,24 – 1,0 mm ² , AWG 24-18	020.256.1020
Crimp socket Ø 1mm, 0,05 – 0,34 mm ² , AWG 30-22	020.353.1020
Stamped/rolled socket Ø 1mm, 0,03 – 0,08 mm ² , AWG 32-28 HCS™	020.000376.2000 (9000 pcs./reel)
Stamped/rolled socket Ø 1mm, 0,03 – 0,08 mm ² , AWG 32-28 HCS™	020.000376.2000.A2 (300 pcs./reel)
Stamped/rolled socket Ø 1mm, 0,08 – 0,2 mm ² , AWG 28-24 HCS™	020.000377.2000 (9000 pcs./reel)
Stamped/rolled socket Ø 1mm, 0,08 – 0,2 mm ² , AWG 28-24 HCS™	020.000377.2000.A2 (300 pcs./reel)
Stamped/rolled socket Ø 1mm, 0,2 – 0,5 mm ² , AWG 24-20 HCS™	020.000378.2000 (9000 pcs./reel)
Stamped/rolled socket Ø 1mm, 0,2 – 0,5 mm ² , AWG 24-20 HCS™	020.000378.2000.A2 (300 pcs./reel)
Stamped/rolled socket Ø 1mm, 0,75 – 1,0 mm ² , AWG 18 HCS™	020.000379.2000 (9000 pcs./reel)
Stamped/rolled socket Ø 1mm, 0,75 – 1,0 mm ² , AWG 18 HCS™	020.000379.2000.A2 (300 pcs./reel)
Tools <i>please order separately</i>	Part numbers
Crimp tool Ø 1mm	B-150
Positioner Ø 1mm	B-055/A
Tools for stamped/rolled contacts <i>please order separately</i>	Part numbers
Hand crimping tool AWG 32-28	B-287/32-28
Applicator for crimping tool (Schäfer) AWG 32-28	B-288/32-28
Applicator for crimping tool (Kirsten PP3) AWG 32-28	B-286/32-28
Hand crimping tool AWG 28-24	B-287/28-24
Applicator for crimping tool (Schäfer) AWG 28-24	B-288/28-24
Applicator for crimping tool (Kirsten PP3) AWG 28-24	B-286/28-24
Hand crimping tool AWG 24-20	B-287/24-20
Applicator for crimping tool (Schäfer) AWG 24-20	B-288/24-20
Applicator for crimping tool (Kirsten PP3) AWG 24-20	B-286/24-20
Hand crimping tool 0,75 – 1 mm ²	B-287/0,75-1
Applicator for crimping tool (Schäfer) 0,75 – 1 mm ²	B-288/0,75-1
Applicator for crimping tool (Kirsten PP3) 0,75 – 1 mm ²	B-286/0,75-1

Ordering Information

Extension 16way
(16 x 1mm)

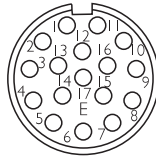
Insulator seen from wired side

16A

Connectors including insulator and cable clamp	Part numbers
Extension with variable shield connection and cable clamp from Ø 5.5 to 12 mm, stainless steel quality	SSNV16ANNNN169
Contacts <i>please order separately</i>	Part numbers
Crimp pin Ø 1mm, 0,24 – 1,0 mm ² , AWG 24-18	021.311.1020
Crimp pin Ø 1mm, 0,05 – 0,34 mm ² , AWG 30-22	021.402.1020
Stamped/rolled pin Ø 1mm, 0,03 – 0,08 mm ² , AWG 32-28 HCS™	021.001005.1025 (9000 pcs./reel)
Stamped/rolled pin Ø 1mm, 0,03 – 0,08 mm ² , AWG 32-28 HCS™	021.001005.1025.A2 (300 pcs./reel)
Stamped/rolled pin Ø 1mm, 0,08 – 0,2 mm ² , AWG 28-24 HCS™	021.001006.1025 (9000 pcs./reel)
Stamped/rolled pin Ø 1mm, 0,08 – 0,2 mm ² , AWG 28-24 HCS™	021.001006.1025.A2 (300 pcs./reel)
Stamped/rolled pin Ø 1mm, 0,2 – 0,5 mm ² , AWG 24-20 HCS™	021.001007.1025 (9000 pcs./reel)
Stamped/rolled pin Ø 1mm, 0,2 – 0,5 mm ² , AWG 24-20 HCS™	021.001007.1025.A2 (300 pcs./reel)
Stamped/rolled pin Ø 1mm, 0,75 – 1,0 mm ² , AWG 18 HCS™	021.001008.1025 (9000 pcs./reel)
Stamped/rolled pin Ø 1mm, 0,75 – 1,0 mm ² , AWG 18 HCS™	021.001008.1025.A2 (300 pcs./reel)
Crimp socket Ø 1mm, 0,24 – 1,0 mm ² , AWG 24-18	020.256.1020
Crimp socket Ø 1mm, 0,05 – 0,34 mm ² , AWG 30-22	020.353.1020
Stamped/rolled socket Ø 1mm, 0,03 – 0,08 mm ² , AWG 32-28 HCS™	020.000376.2000 (9000 pcs./reel)
Stamped/rolled socket Ø 1mm, 0,03 – 0,08 mm ² , AWG 32-28 HCS™	020.000376.2000.A2 (300 pcs./reel)
Stamped/rolled socket Ø 1mm, 0,08 – 0,2 mm ² , AWG 28-24 HCS™	020.000377.2000 (9000 pcs./reel)
Stamped/rolled socket Ø 1mm, 0,08 – 0,2 mm ² , AWG 28-24 HCS™	020.000377.2000.A2 (300 pcs./reel)
Stamped/rolled socket Ø 1mm, 0,2 – 0,5 mm ² , AWG 24-20 HCS™	020.000378.2000 (9000 pcs./reel)
Stamped/rolled socket Ø 1mm, 0,2 – 0,5 mm ² , AWG 24-20 HCS™	020.000378.2000.A2 (300 pcs./reel)
Stamped/rolled socket Ø 1mm, 0,75 – 1,0 mm ² , AWG 18 HCS™	020.000379.2000 (9000 pcs./reel)
Stamped/rolled socket Ø 1mm, 0,75 – 1,0 mm ² , AWG 18 HCS™	020.000379.2000.A2 (300 pcs./reel)
Tools <i>please order separately</i>	Part numbers
Crimp tool Ø 1mm	B-150
Positioner Ø 1mm	B-055/A
Tools for stamped/rolled contacts <i>please order separately</i>	Part numbers
Hand crimping tool AWG 32-28	B-287/32-28
Applicator for crimping tool (Schäfer) AWG 32-28	B-288/32-28
Applicator for crimping tool (Kirsten PP3) AWG 32-28	B-286/32-28
Hand crimping tool AWG 28-24	B-287/28-24
Applicator for crimping tool (Schäfer) AWG 28-24	B-288/28-24
Applicator for crimping tool (Kirsten PP3) AWG 28-24	B-286/28-24
Hand crimping tool AWG 24-20	B-287/24-20
Applicator for crimping tool (Schäfer) AWG 24-20	B-288/24-20
Applicator for crimping tool (Kirsten PP3) AWG 24-20	B-286/24-20
Hand crimping tool 0,75 – 1 mm ²	B-287/0,75-1
Applicator for crimping tool (Schäfer) 0,75 – 1 mm ²	B-288/0,75-1
Applicator for crimping tool (Kirsten PP3) 0,75 – 1 mm ²	B-286/0,75-1

Ordering Information

Extension 17way
(17 x 1mm)

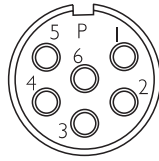


Insulator seen from wired side

17G

Connectors including insulator and cable clamp	Part numbers
Extension with variable shield connection and cable clamp from Ø 5.5 to 12 mm, stainless steel quality	SSNV17GNNNN169
Contacts <i>please order separately</i>	Part numbers
Crimp pin Ø 1mm, 0,24 – 1,0 mm ² , AWG 24-18	021.311.1020
Crimp pin Ø 1mm, 0,05 – 0,34 mm ² , AWG 30-22	021.402.1020
Stamped/rolled pin Ø 1mm, 0,03 – 0,08 mm ² , AWG 32-28 HCS™	021.001005.1025 (9000 pcs./reel)
Stamped/rolled pin Ø 1mm, 0,03 – 0,08 mm ² , AWG 32-28 HCS™	021.001005.1025.A2 (300 pcs./reel)
Stamped/rolled pin Ø 1mm, 0,08 – 0,2 mm ² , AWG 28-24 HCS™	021.001006.1025 (9000 pcs./reel)
Stamped/rolled pin Ø 1mm, 0,08 – 0,2 mm ² , AWG 28-24 HCS™	021.001006.1025.A2 (300 pcs./reel)
Stamped/rolled pin Ø 1mm, 0,2 – 0,5 mm ² , AWG 24-20 HCS™	021.001007.1025 (9000 pcs./reel)
Stamped/rolled pin Ø 1mm, 0,2 – 0,5 mm ² , AWG 24-20 HCS™	021.001007.1025.A2 (300 pcs./reel)
Stamped/rolled pin Ø 1mm, 0,75 – 1,0 mm ² , AWG 18 HCS™	021.001008.1025 (9000 pcs./reel)
Stamped/rolled pin Ø 1mm, 0,75 – 1,0 mm ² , AWG 18 HCS™	021.001008.1025.A2 (300 pcs./reel)
Crimp socket Ø 1mm, 0,24 – 1,0 mm ² , AWG 24-18	020.256.1020
Crimp socket Ø 1mm, 0,05 – 0,34 mm ² , AWG 30-22	020.353.1020
Stamped/rolled socket Ø 1mm, 0,03 – 0,08 mm ² , AWG 32-28 HCS™	020.000376.2000 (9000 pcs./reel)
Stamped/rolled socket Ø 1mm, 0,03 – 0,08 mm ² , AWG 32-28 HCS™	020.000376.2000.A2 (300 pcs./reel)
Stamped/rolled socket Ø 1mm, 0,08 – 0,2 mm ² , AWG 28-24 HCS™	020.000377.2000 (9000 pcs./reel)
Stamped/rolled socket Ø 1mm, 0,08 – 0,2 mm ² , AWG 28-24 HCS™	020.000377.2000.A2 (300 pcs./reel)
Stamped/rolled socket Ø 1mm, 0,2 – 0,5 mm ² , AWG 24-20 HCS™	020.000378.2000 (9000 pcs./reel)
Stamped/rolled socket Ø 1mm, 0,2 – 0,5 mm ² , AWG 24-20 HCS™	020.000378.2000.A2 (300 pcs./reel)
Stamped/rolled socket Ø 1mm, 0,75 – 1,0 mm ² , AWG 18 HCS™	020.000379.2000 (9000 pcs./reel)
Stamped/rolled socket Ø 1mm, 0,75 – 1,0 mm ² , AWG 18 HCS™	020.000379.2000.A2 (300 pcs./reel)
Tools <i>please order separately</i>	Part numbers
Crimp tool Ø 1mm	B-150
Positioner Ø 1mm	B-055/A
Tools for stamped/rolled contacts <i>please order separately</i>	Part numbers
Hand crimping tool AWG 32-28	B-287/32-28
Applicator for crimping tool (Schäfer) AWG 32-28	B-288/32-28
Applicator for crimping tool (Kirsten PP3) AWG 32-28	B-286/32-28
Hand crimping tool AWG 28-24	B-287/28-24
Applicator for crimping tool (Schäfer) AWG 28-24	B-288/28-24
Applicator for crimping tool (Kirsten PP3) AWG 28-24	B-286/28-24
Hand crimping tool AWG 24-20	B-287/24-20
Applicator for crimping tool (Schäfer) AWG 24-20	B-288/24-20
Applicator for crimping tool (Kirsten PP3) AWG 24-20	B-286/24-20
Hand crimping tool 0,75 – 1 mm ²	B-287/0,75-1
Applicator for crimping tool (Schäfer) 0,75 – 1 mm ²	B-288/0,75-1
Applicator for crimping tool (Kirsten PP3) 0,75 – 1 mm ²	B-286/0,75-1

Ordering Information

 Plug 6way
 (6 x 2mm)

Insulator seen from wired side

06H

Connectors including insulator and cable clamp
Part numbers

Plug with variable shield connection and cable clamp from Ø 5.5 to 12 mm, stainless steel quality

SQNV06HNNNN169

Contacts *please order separately*
Part numbers

 Crimp pin Ø 2mm, 0,75 – 2,5 mm², AWG 18-14

021.310.1020

 Crimp socket Ø 2mm, 0,05 – 1,5 mm², AWG 20-16

020.315.1020

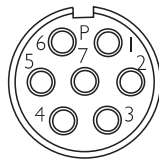
Tools *please order separately*
Part numbers

Crimp tool Ø 2mm

B-151

Positioner Ø 2mm

B-201

 Plug 7way
 (7 x 2mm)

Insulator seen from wired side

07D

Connectors including insulator and cable clamp
Part numbers

Plug with variable shield connection and cable clamp from Ø 5.5 to 12 mm, stainless steel quality

SQNV07DNNNN169

Contacts *please order separately*
Part numbers

 Crimp pin Ø 2mm, 0,75 – 2,5 mm², AWG 18-14

021.310.1020

 Crimp socket Ø 2mm, 0,05 – 1,5 mm², AWG 20-16

020.315.1020

Tools *please order separately*
Part numbers

Crimp tool Ø 2mm

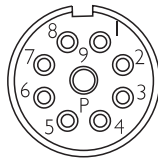
B-151

Positioner Ø 2mm

B-201

Ordering Information

Plug 9way
(8 x 1mm + 1 x 2mm)

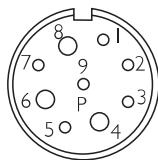


Insulator seen from wired side

09F

Connectors including insulator and cable clamp	Part numbers
Plug with variable shield connection and cable clamp from Ø 5.5 to 12 mm, stainless steel quality	SQNV09FNNNN169
Contacts <i>please order separately</i>	Part numbers
Crimp pin Ø 1mm, 0,24 – 1,0 mm ² , AWG 24-18	021.311.1020
Crimp pin Ø 2mm, 0,75 – 2,5 mm ² , AWG 18-14	021.310.1020
Crimp socket Ø 1mm, 0,24 – 1,0 mm ² , AWG 24-18	020.256.1020
Crimp socket Ø 2mm, 0,05 – 1,5 mm ² , AWG 20-16	020.315.1020
Tools <i>please order separately</i>	Part numbers
Crimp tool Ø 2mm	B-151
Crimp tool Ø 1mm	B-150
Positioner Ø 2mm	B-201
Positioner Ø 1mm	B-055/A

Plug 9way
(6 x 1mm + 3 x 2mm)



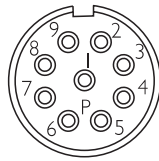
Insulator seen from wired side

09H

Connectors including insulator and cable clamp	Part numbers
Plug with variable shield connection and cable clamp from Ø 5.5 to 12 mm, stainless steel quality	SQNV09HNNNN169
Contacts <i>please order separately</i>	Part numbers
Crimp pin Ø 1mm, 0,24 – 1,0 mm ² , AWG 24-18	021.311.1020
Crimp pin Ø 2mm, 0,75 – 2,5 mm ² , AWG 18-14	021.310.1020
Crimp socket Ø 1mm, 0,24 – 1,0 mm ² , AWG 24-18	020.256.1020
Crimp socket Ø 2mm, 0,5 – 1,5 mm ² , AWG 20-16	020.315.1020
Tools <i>please order separately</i>	Part numbers
Crimp tool Ø 2mm	B-151
Crimp tool Ø 1mm	B-150
Positioner Ø 2mm	B-201
Positioner Ø 1mm	B-055/A

Ordering Information

Plug 9way
(9 x 1mm)



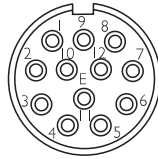
Insulator seen from wired side

09K

Connectors including insulator and cable clamp	Part numbers
Plug with variable shield connection and cable clamp from Ø 5.5 to 12 mm, stainless steel quality	SQNV09KNNNN169
Contacts <i>please order separately</i>	Part numbers
Crimp pin Ø 1mm, 0,24 – 1,0 mm ² , AWG 24-18	021.311.1020
Crimp pin Ø 1mm, 0,05 – 0,34 mm ² , AWG 30-22	021.402.1020
Stamped/rolled pin Ø 1mm, 0,03 – 0,08 mm ² , AWG 32-28 HCS™	021.001005.1025 (9000 pcs./reel)
Stamped/rolled pin Ø 1mm, 0,03 – 0,08 mm ² , AWG 32-28 HCS™	021.001005.1025.A2 (300 pcs./reel)
Stamped/rolled pin Ø 1mm, 0,08 – 0,2 mm ² , AWG 28-24 HCS™	021.001006.1025 (9000 pcs./reel)
Stamped/rolled pin Ø 1mm, 0,08 – 0,2 mm ² , AWG 28-24 HCS™	021.001006.1025.A2 (300 pcs./reel)
Stamped/rolled pin Ø 1mm, 0,2 – 0,5 mm ² , AWG 24-20 HCS™	021.001007.1025 (9000 pcs./reel)
Stamped/rolled pin Ø 1mm, 0,2 – 0,5 mm ² , AWG 24-20 HCS™	021.001007.1025.A2 (300 pcs./reel)
Stamped/rolled pin Ø 1mm, 0,75 – 1,0 mm ² , AWG 18 HCS™	021.001008.1025 (9000 pcs./reel)
Stamped/rolled pin Ø 1mm, 0,75 – 1,0 mm ² , AWG 18 HCS™	021.001008.1025.A2 (300 pcs./reel)
Crimp socket Ø 1mm, 0,24 – 1,0 mm ² , AWG 24-18	020.256.1020
Crimp socket Ø 1mm, 0,05 – 0,34 mm ² , AWG 30-22	020.353.1020
Stamped/rolled socket Ø 1mm, 0,03 – 0,08 mm ² , AWG 32-28 HCS™	020.000376.2000 (9000 pcs./reel)
Stamped/rolled socket Ø 1mm, 0,03 – 0,08 mm ² , AWG 32-28 HCS™	020.000376.2000.A2 (300 pcs./reel)
Stamped/rolled socket Ø 1mm, 0,08 – 0,2 mm ² , AWG 28-24 HCS™	020.000377.2000 (9000 pcs./reel)
Stamped/rolled socket Ø 1mm, 0,08 – 0,2 mm ² , AWG 28-24 HCS™	020.000377.2000.A2 (300 pcs./reel)
Stamped/rolled socket Ø 1mm, 0,2 – 0,5 mm ² , AWG 24-20 HCS™	020.000378.2000 (9000 pcs./reel)
Stamped/rolled socket Ø 1mm, 0,2 – 0,5 mm ² , AWG 24-20 HCS™	020.000378.2000.A2 (300 pcs./reel)
Stamped/rolled socket Ø 1mm, 0,75 – 1,0 mm ² , AWG 18 HCS™	020.000379.2000 (9000 pcs./reel)
Stamped/rolled socket Ø 1mm, 0,75 – 1,0 mm ² , AWG 18 HCS™	020.000379.2000.A2 (300 pcs./reel)
Tools <i>please order separately</i>	Part numbers
Crimp tool Ø 1mm	B-150
Positioner Ø 1mm	B-055/A
Tools for stamped/rolled contacts <i>please order separately</i>	Part numbers
Hand crimping tool AWG 32-28	B-287/32-28
Applicator for crimping tool (Schäfer) AWG 32-28	B-288/32-28
Applicator for crimping tool (Kirsten PP3) AWG 32-28	B-286/32-28
Hand crimping tool AWG 28-24	B-287/28-24
Applicator for crimping tool (Schäfer) AWG 28-24	B-288/28-24
Applicator for crimping tool (Kirsten PP3) AWG 28-24	B-286/28-24
Hand crimping tool AWG 24-20	B-287/24-20
Applicator for crimping tool (Schäfer) AWG 24-20	B-288/24-20
Applicator for crimping tool (Kirsten PP3) AWG 24-20	B-286/24-20
Hand crimping tool 0,75 – 1 mm ²	B-287/0,75-1
Applicator for crimping tool (Schäfer) 0,75 – 1 mm ²	B-288/0,75-1
Applicator for crimping tool (Kirsten PP3) 0,75 – 1 mm ²	B-286/0,75-1

Ordering Information

Plug 12way
(12 x 1mm)

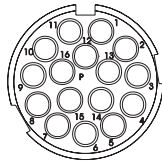


Insulator seen from wired side

12S

Connectors including insulator and cable clamp	Part numbers
Plug with variable shield connection and cable clamp from Ø 5.5 to 12 mm, stainless steel quality	SQNV12SNNNN169
Contacts <i>please order separately</i>	Part numbers
Crimp pin Ø 1mm, 0,24 – 1,0 mm ² , AWG 24-18	021.311.1020
Crimp pin Ø 1mm, 0,05 – 0,34 mm ² , AWG 30-22	021.402.1020
Stamped/rolled pin Ø 1mm, 0,03 – 0,08 mm ² , AWG 32-28 HCS™	021.001005.1025 (9000 pcs./reel)
Stamped/rolled pin Ø 1mm, 0,03 – 0,08 mm ² , AWG 32-28 HCS™	021.001005.1025.A2 (300 pcs./reel)
Stamped/rolled pin Ø 1mm, 0,08 – 0,2 mm ² , AWG 28-24 HCS™	021.001006.1025 (9000 pcs./reel)
Stamped/rolled pin Ø 1mm, 0,08 – 0,2 mm ² , AWG 28-24 HCS™	021.001006.1025.A2 (300 pcs./reel)
Stamped/rolled pin Ø 1mm, 0,2 – 0,5 mm ² , AWG 24-20 HCS™	021.001007.1025 (9000 pcs./reel)
Stamped/rolled pin Ø 1mm, 0,2 – 0,5 mm ² , AWG 24-20 HCS™	021.001007.1025.A2 (300 pcs./reel)
Stamped/rolled pin Ø 1mm, 0,75 – 1,0 mm ² , AWG 18 HCS™	021.001008.1025 (9000 pcs./reel)
Stamped/rolled pin Ø 1mm, 0,75 – 1,0 mm ² , AWG 18 HCS™	021.001008.1025.A2 (300 pcs./reel)
Crimp socket Ø 1mm, 0,24 – 1,0 mm ² , AWG 24-18	020.256.1020
Crimp socket Ø 1mm, 0,05 – 0,34 mm ² , AWG 30-22	020.353.1020
Stamped/rolled socket Ø 1mm, 0,03 – 0,08 mm ² , AWG 32-28 HCS™	020.000376.2000 (9000 pcs./reel)
Stamped/rolled socket Ø 1mm, 0,03 – 0,08 mm ² , AWG 32-28 HCS™	020.000376.2000.A2 (300 pcs./reel)
Stamped/rolled socket Ø 1mm, 0,08 – 0,2 mm ² , AWG 28-24 HCS™	020.000377.2000 (9000 pcs./reel)
Stamped/rolled socket Ø 1mm, 0,08 – 0,2 mm ² , AWG 28-24 HCS™	020.000377.2000.A2 (300 pcs./reel)
Stamped/rolled socket Ø 1mm, 0,2 – 0,5 mm ² , AWG 24-20 HCS™	020.000378.2000 (9000 pcs./reel)
Stamped/rolled socket Ø 1mm, 0,2 – 0,5 mm ² , AWG 24-20 HCS™	020.000378.2000.A2 (300 pcs./reel)
Stamped/rolled socket Ø 1mm, 0,75 – 1,0 mm ² , AWG 18 HCS™	020.000379.2000 (9000 pcs./reel)
Stamped/rolled socket Ø 1mm, 0,75 – 1,0 mm ² , AWG 18 HCS™	020.000379.2000.A2 (300 pcs./reel)
Tools <i>please order separately</i>	Part numbers
Crimp tool Ø 1mm	B-150
Positioner Ø 1mm	B-055/A
Tools for stamped/rolled contacts <i>please order separately</i>	Part numbers
Hand crimping tool AWG 32-28	B-287/32-28
Applicator for crimping tool (Schäfer) AWG 32-28	B-288/32-28
Applicator for crimping tool (Kirsten PP3) AWG 32-28	B-286/32-28
Hand crimping tool AWG 28-24	B-287/28-24
Applicator for crimping tool (Schäfer) AWG 28-24	B-288/28-24
Applicator for crimping tool (Kirsten PP3) AWG 28-24	B-286/28-24
Hand crimping tool AWG 24-20	B-287/24-20
Applicator for crimping tool (Schäfer) AWG 24-20	B-288/24-20
Applicator for crimping tool (Kirsten PP3) AWG 24-20	B-286/24-20
Hand crimping tool 0,75 – 1 mm ²	B-287/0,75-1
Applicator for crimping tool (Schäfer) 0,75 – 1 mm ²	B-288/0,75-1
Applicator for crimping tool (Kirsten PP3) 0,75 – 1 mm ²	B-286/0,75-1

Ordering Information

Plug 16way
(16 x 1mm)

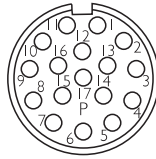
Insulator seen from wired side

16B

Connectors including insulator and cable clamp	Part numbers
Plug with variable shield connection and cable clamp from Ø 5.5 to 12 mm, stainless steel quality	SQNV16BNNNN169
Contacts <i>please order separately</i>	Part numbers
Crimp pin Ø 1mm, 0,24 – 1,0 mm ² , AWG 24-18	021.311.1020
Crimp pin Ø 1mm, 0,05 – 0,34 mm ² , AWG 30-22	021.402.1020
Stamped/rolled pin Ø 1mm, 0,03 – 0,08 mm ² , AWG 32-28 HCS™	021.001005.1025 (9000 pcs./reel)
Stamped/rolled pin Ø 1mm, 0,03 – 0,08 mm ² , AWG 32-28 HCS™	021.001005.1025.A2 (300 pcs./reel)
Stamped/rolled pin Ø 1mm, 0,08 – 0,2 mm ² , AWG 28-24 HCS™	021.001006.1025 (9000 pcs./reel)
Stamped/rolled pin Ø 1mm, 0,08 – 0,2 mm ² , AWG 28-24 HCS™	021.001006.1025.A2 (300 pcs./reel)
Stamped/rolled pin Ø 1mm, 0,2 – 0,5 mm ² , AWG 24-20 HCS™	021.001007.1025 (9000 pcs./reel)
Stamped/rolled pin Ø 1mm, 0,2 – 0,5 mm ² , AWG 24-20 HCS™	021.001007.1025.A2 (300 pcs./reel)
Stamped/rolled pin Ø 1mm, 0,75 – 1,0 mm ² , AWG 18 HCS™	021.001008.1025 (9000 pcs./reel)
Stamped/rolled pin Ø 1mm, 0,75 – 1,0 mm ² , AWG 18 HCS™	021.001008.1025.A2 (300 pcs./reel)
Crimp socket Ø 1mm, 0,24 – 1,0 mm ² , AWG 24-18	020.256.1020
Crimp socket Ø 1mm, 0,05 – 0,34 mm ² , AWG 30-22	020.353.1020
Stamped/rolled socket Ø 1mm, 0,03 – 0,08 mm ² , AWG 32-28 HCS™	020.000376.2000 (9000 pcs./reel)
Stamped/rolled socket Ø 1mm, 0,03 – 0,08 mm ² , AWG 32-28 HCS™	020.000376.2000.A2 (300 pcs./reel)
Stamped/rolled socket Ø 1mm, 0,08 – 0,2 mm ² , AWG 28-24 HCS™	020.000377.2000 (9000 pcs./reel)
Stamped/rolled socket Ø 1mm, 0,08 – 0,2 mm ² , AWG 28-24 HCS™	020.000377.2000.A2 (300 pcs./reel)
Stamped/rolled socket Ø 1mm, 0,2 – 0,5 mm ² , AWG 24-20 HCS™	020.000378.2000 (9000 pcs./reel)
Stamped/rolled socket Ø 1mm, 0,2 – 0,5 mm ² , AWG 24-20 HCS™	020.000378.2000.A2 (300 pcs./reel)
Stamped/rolled socket Ø 1mm, 0,75 – 1,0 mm ² , AWG 18 HCS™	020.000379.2000 (9000 pcs./reel)
Stamped/rolled socket Ø 1mm, 0,75 – 1,0 mm ² , AWG 18 HCS™	020.000379.2000.A2 (300 pcs./reel)
Tools <i>please order separately</i>	Part numbers
Crimp tool Ø 1mm	B-150
Positioner Ø 1mm	B-055/A
Tools for stamped/rolled contacts <i>please order separately</i>	Part numbers
Hand crimping tool AWG 32-28	B-287/32-28
Applicator for crimping tool (Schäfer) AWG 32-28	B-288/32-28
Applicator for crimping tool (Kirsten PP3) AWG 32-28	B-286/32-28
Hand crimping tool AWG 28-24	B-287/28-24
Applicator for crimping tool (Schäfer) AWG 28-24	B-288/28-24
Applicator for crimping tool (Kirsten PP3) AWG 28-24	B-286/28-24
Hand crimping tool AWG 24-20	B-287/24-20
Applicator for crimping tool (Schäfer) AWG 24-20	B-288/24-20
Applicator for crimping tool (Kirsten PP3) AWG 24-20	B-286/24-20
Hand crimping tool 0,75 – 1 mm ²	B-287/0,75-1
Applicator for crimping tool (Schäfer) 0,75 – 1 mm ²	B-288/0,75-1
Applicator for crimping tool (Kirsten PP3) 0,75 – 1 mm ²	B-286/0,75-1

Ordering Information

Plug 17way (17 x 1mm)



Insulator seen from wired side






17H

Connectors including insulator and cable clamp	Part numbers
Plug with variable shield connection and cable clamp from Ø 5.5 to 12 mm, stainless steel quality	SQNV17HNNNN169
Contacts <i>please order separately</i>	Part numbers
Crimp pin Ø 1mm, 0,24 – 1,0 mm ² , AWG 24-18	021.311.1020
Crimp pin Ø 1mm, 0,05 – 0,34 mm ² , AWG 30-22	021.402.1020
Stamped/rolled pin Ø 1mm, 0,03 – 0,08 mm ² , AWG 32-28 HCS™	021.001005.1025 (9000 pcs./reel)
Stamped/rolled pin Ø 1mm, 0,03 – 0,08 mm ² , AWG 32-28 HCS™	021.001005.1025.A2 (300 pcs./reel)
Stamped/rolled pin Ø 1mm, 0,08 – 0,2 mm ² , AWG 28-24 HCS™	021.001006.1025 (9000 pcs./reel)
Stamped/rolled pin Ø 1mm, 0,08 – 0,2 mm ² , AWG 28-24 HCS™	021.001006.1025.A2 (300 pcs./reel)
Stamped/rolled pin Ø 1mm, 0,2 – 0,5 mm ² , AWG 24-20 HCS™	021.001007.1025 (9000 pcs./reel)
Stamped/rolled pin Ø 1mm, 0,2 – 0,5 mm ² , AWG 24-20 HCS™	021.001007.1025.A2 (300 pcs./reel)
Stamped/rolled pin Ø 1mm, 0,75 – 1,0 mm ² , AWG 18 HCS™	021.001008.1025 (9000 pcs./reel)
Stamped/rolled pin Ø 1mm, 0,75 – 1,0 mm ² , AWG 18 HCS™	021.001008.1025.A2 (300 pcs./reel)
Crimp socket Ø 1mm, 0,24 – 1,0 mm ² , AWG 24-18	020.256.1020
Crimp socket Ø 1mm, 0,05 – 0,34 mm ² , AWG 30-22	020.353.1020
Stamped/rolled socket Ø 1mm, 0,03 – 0,08 mm ² , AWG 32-28 HCS™	020.000376.2000 (9000 pcs./reel)
Stamped/rolled socket Ø 1mm, 0,03 – 0,08 mm ² , AWG 32-28 HCS™	020.000376.2000.A2 (300 pcs./reel)
Stamped/rolled socket Ø 1mm, 0,08 – 0,2 mm ² , AWG 28-24 HCS™	020.000377.2000 (9000 pcs./reel)
Stamped/rolled socket Ø 1mm, 0,08 – 0,2 mm ² , AWG 28-24 HCS™	020.000377.2000.A2 (300 pcs./reel)
Stamped/rolled socket Ø 1mm, 0,2 – 0,5 mm ² , AWG 24-20 HCS™	020.000378.2000 (9000 pcs./reel)
Stamped/rolled socket Ø 1mm, 0,2 – 0,5 mm ² , AWG 24-20 HCS™	020.000378.2000.A2 (300 pcs./reel)
Stamped/rolled socket Ø 1mm, 0,75 – 1,0 mm ² , AWG 18 HCS™	020.000379.2000 (9000 pcs./reel)
Stamped/rolled socket Ø 1mm, 0,75 – 1,0 mm ² , AWG 18 HCS™	020.000379.2000.A2 (300 pcs./reel)
Tools <i>please order separately</i>	Part numbers
Crimp tool Ø 1mm	B-150
Positioner Ø 1mm	B-055/A
Tools for stamped/rolled contacts <i>please order separately</i>	Part numbers
Hand crimping tool AWG 32-28	B-287/32-28
Applicator for crimping tool (Schäfer) AWG 32-28	B-288/32-28
Applicator for crimping tool (Kirsten PP3) AWG 32-28	B-286/32-28
Hand crimping tool AWG 28-24	B-287/28-24
Applicator for crimping tool (Schäfer) AWG 28-24	B-288/28-24
Applicator for crimping tool (Kirsten PP3) AWG 28-24	B-286/28-24
Hand crimping tool AWG 24-20	B-287/24-20
Applicator for crimping tool (Schäfer) AWG 24-20	B-288/24-20
Applicator for crimping tool (Kirsten PP3) AWG 24-20	B-286/24-20
Hand crimping tool 0,75 – 1 mm ²	B-287/0,75-1
Applicator for crimping tool (Schäfer) 0,75 – 1 mm ²	B-288/0,75-1
Applicator for crimping tool (Kirsten PP3) 0,75 – 1 mm ²	B-286/0,75-1






Mounting styles / dimensions

<p>Drilling drawing for SGGV / SGIV</p>	<p>$\varnothing 20 \pm 0,2$</p> <p>$\varnothing 28$</p> <p>$\square 19,8$</p> <p>M2.5 (M3) (4x)</p>
<p>Cable Clamp no. 169 for SQNV / SSNV Clamp range: - with reduction sleeve for cable \varnothing 5.5-8.5 mm - without reduction sleeve for cable \varnothing 8-12 mm</p>	<p>cable clamp</p> <p>reduction sleeve</p>

Accessories

Hand crimping tools	Positioners
 <p>B150</p>	 <p>B055A</p>
 <p>B151</p>	 <p>B201 B257</p>
 <p>B287 with feeder line for stamped/rolled contacts</p>	

Other accessories

		<p>Part number: 031.287.1000 (short version) 031.405.1000 (long version)</p>	
<p>Thread protection cap</p>			
<p><i>Dust shield caps</i></p>			
			
<p>Part number: C/BEL/1</p>	<p>Part number: C/BEL/2</p>	<p>Part number: C/BEL/7</p>	<p>Part number: C/BEL/6</p>
<p>Dust shield cap for receptacles and extensions</p>	<p>Dust shield cap for receptacles and extensions with chain 7.5 mm</p>	<p>Dust shield cap for receptacles and extensions with chain 12 mm</p>	<p>Dust shield cap for plugs with chain 12 mm</p>