

Product Connecting cable, Female power connector industrial standard – M12 male connector  
straight, PUR 3 x 0,75 mm<sup>2</sup>

Pole 2+PE

Area Size B

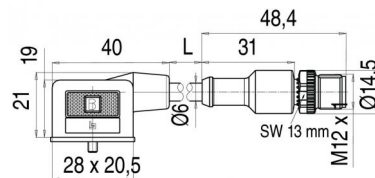
serie Size B

Article number 79 5712 20 03

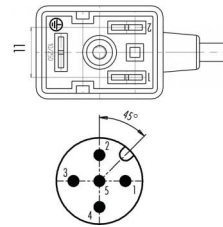
illustration



scale drawing



Contact Arrangement



**2+PE**  
1 braun/brown  
2 blau/blue  
⊕ grün/gelb/green/yellow

**M12**  
3 blau/blue  
4 braun/brown  
5 grün/gelb/green/yellow

Technical data

Common values

Connector Design	Connecting cable
Connector locking system	central screw
Termination	IDT connection, overmoulded on cable
Wire gauge (mm)	0,75 mm <sup>2</sup>
Wire gauge (AWG)	20
Upper temperature	+85 °C
Lower temperature	-20 °C

Electrical values

Rated voltage	250 V
Rated impulse voltage	4000 V
Pollution degree	3
Overvoltage category	II
Material group	II
Rated current (40 °C)	4 A
Volume resistivity	≤ 15 mΩ
EMV compliance	not shielded
Degree of protection	IP 67
Mechanical operation	> 50 mating cycles

Material

Material of contact	CuSn (bronze), CuZn (brass)
Contact plating	Ni (nickel)/ Au (gold)
Material of contact body	PA
Material of housing	PC

Cable data

material housing	PUR
insulation single lead	PVC
single lead structure	24 x 0,2 Cu
cable sheath Ø	6
conductor resistance	26Ω/Km
temperature range cable movable c from	-5
temperature range cable movable c to	70
temperature range cable fixed c from	-20
temperature range cable fixed c to	70
bending radius cable fixed	30 mm
bending radius cable movable	60 mm
cable diameter	6



Contacts: 2+PE, Connecting cable, Female power connector industrial standard – M12 male connector straight, PUR 3 x 0,75 mm<sup>2</sup>, Cable length 2 m