

C L12/3FG-S-20m-PUR



Ordering information

Designation for ordering C L12/3FG-S-20m-PUR

Part number 902-51839

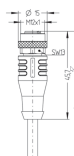
Order text Power - Cable, 20 m, M12 12-Pin / 3 wire (24V, GND, Trigger), Straight Connector, shielded



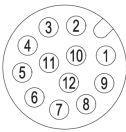
Electrical data	
Rated voltage, side A [V]	30.00
Rated voltage, side B [V]	30.00
Volume resistivity [mΩ]	≥ 5
Insulation resistance [MΩ]	≥ 1
Rated current, side A (40°C) [A]	1.50
Rated current, side B (40°C) [A]	10.00

Mechanical data	
Cable outer diameter [mm]	4.8
Bending radius fixed movable	5 x Ø / 12 x Ø
Bending cycles [M]	5.00
Torsional cycles [M]	2.00
Number of conductors x cross section	3 x 0,34 mm²
Lead color	schwarz
Lead material	PUR
Suitable for robotics	Yes
Suitable for drag chain	Ja
Ambient temperature: movable [°C]	-30 ... 90
Ambient temperature: fixed [°C]	-40 ... 90
Ambient temperature: drag chain [°C]	-25 ... 60
Additional properties	halogen-free, PWIS-free, flame-retardant, suitable for recycling, UV-resistant, alkali-resistant, acid-resistant, oil-resistant, vibration-resistant
Cable length [m]	20.00
Connection name	Seite A M12 12-pol. A-codiert
- Number of pins	12
- Coding	A
- Thread	M12
Pigtail	
- Material	TPU, CuZn, vergoldet
- Type	Socket
- Tightening torque [Nm]	1.00
- Version	straight
- Mechanical service life	> 100 Steckzyklen
- Protection class mounted	IP 65, IP 67, IP 68
- Plug color	schwarz
Connection name	
- Number of pins	
- Coding	
- Thread	
Pigtail	Yes
- Material	
- Type	

Dimensional drawing



Connections



- 1 = BN
- 2 = BU
- 3 = BK
- 4-12 = NC

Product link

<https://www.sensopart.com/en/products/details/902-51839>