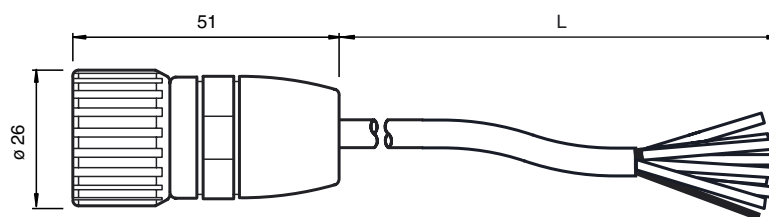




Dimensions



Model Number

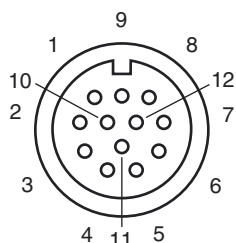
9416-*M-12P-AVM

Female cordset, M23, 12-pin, PVC cable, 8-core

Features

- Immunity to vibration, with mechanical latching
- Gold-plated and machined contacts
- Shield attached to connector housing
- Halogen-free

Pinout



Wire colors

1	WH	(white)
2	BN	(brown)
3	GN	(green)
4	YE	(yellow)
5	GY	(gray)
6	PK	(pink)
7		
8	RD	(red)
9	BK	(black)
10		
11		
12		

---	Screen	

Technical data

General specifications

Number of pins 12

Electrical specifications

Operating voltage U_B max. 30 V DC
 Test voltage 1200 V
 Operating current I_B max. 3 A
 Volume resistance < 5 m Ω
 Insulation resistance \geq 100 M Ω

Ambient conditions

Ambient temperature -25 ... 90 °C (-13 ... 194 °F)
 cable, fixed: -40 ... 80 °C (-40 ... 176 °F)
 cable, flexing: -5 ... 70 °C (23 ... 158 °F)
 Pollution Degree 2

Mechanical specifications

Contact elements spring-loaded contact socket
 Degree of protection IP67
 Material
 Contacts CuZn
 Contact surface Au
 Housing CuZn, nickel-plated
 Body CuZn
 Cable PVC
 Slotted nut Zinc die-casting, nickel-plated
 Core insulation PVC
 Cable fine-strand, flexible
 Sheath diameter \varnothing 7.1 mm \pm 0.15 mm
 Bending radius 50 mm
 Color grey
 Cores 6 x 2 x 0.14 mm² + shield
 Shield grid covering 85 %

Ordering Information

9 4 1 6 - M - 1 2 P - A V M

Length L

03M	3 m
05M	5 m
06M	6 m
10M	10 m
15M	15 m
20M	20 m
25M	25 m