



### Model Number

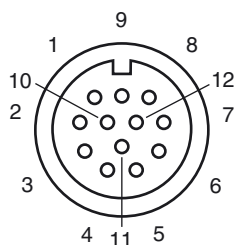
#### 9416-\*M-12P-RXI58

Female cordset, M23, 12-pin, PVC cable, 11-core

### Features

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

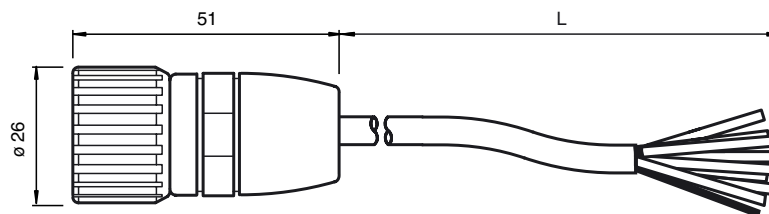
### Pinout



#### Wire colors

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

### Dimensions



### Technical data

#### General specifications

Number of pins	12
Connection 1	socket
Construction type 1	straight
Threading 1	M23
Connection 2	cable end

#### Electrical specifications

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

#### Ambient conditions

Ambient temperature	cable, fixed: -40 ... 80 °C (-40 ... 176 °F) cable, flexing: -5 ... 70 °C (23 ... 158 °F)
Pollution degree	3

#### 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	Cable, floating: $\geq$ 107 mm, Cable, fixed: $\geq$ 43 mm
Color	grey
Cores	6 x 2 x 0.14 mm <sup>2</sup> + shield
Shield	grid covering 85 %

### Ordering Information

9 4 1 6 - M - 1 2 P - R X I 5 8

#### Cable length L

02M	2 m
03M	3 m
05M	5 m
10M	10 m
15M	15 m
20M	20 m
30M	30 m