



Model Number

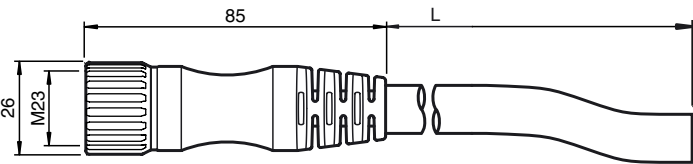
V23S-GM-7M-PUR

Cable connector, M23, 12-pin, PUR cable

Features

- Sturdy design
- Plastic-coated
- Flame resistant cable
- Oil resistant

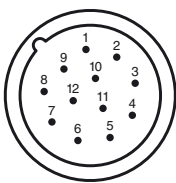
Dimensions



Technical data

General specifications		
Number of pins		12
Connection 1		Male connector
Construction type 1		straight
Threading 1		M23
Connection 2		cable end
Electrical specifications		
Operating voltage	U _B	300 V AC/DC
Operating current	I _B	8 A
Contact resistance		< 3 mΩ
Ambient conditions		
Ambient temperature		Body: -40 ... 125 °C (-40 ... 257 °F) cable, flexing: -5 ... 80 °C (23 ... 176 °F) cable, fixed: -40 ... 90 °C (-40 ... 194 °F)
Pollution degree		2
Mechanical specifications		
Pin diameter		1 mm
Degree of protection		IP68
Material		
Contacts		CuZn, nickel-plated
Contact surface		Au
Body		PUR
Cable		PUR
Seal		FPM
Core insulation		PVC
Cable		
Sheath diameter		Ø 8.5 mm
Bending radius		> 10 x cable diameter, moving
Color		black
Cores		8 x 0.34 mm ² and 3 x 0.75 mm ²
Conductor construction		19 x 0.15 mm and 42 x 0.15 mm
Length	L	7 m
Mating cycles		50

Electrical connection



1	—	0.34	0.75
2	—	1 WH	9 VT
3	—	2 GN	10 n.c.
4	—	3 YE	11 n.c.
5	—	4 GY	12 n.c.
6	—	5 n.c.	
7	—	6 RD	
8	—	7 BK	
9	—	8 n.c.	
10	—		
11	—		
12	—		

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