



Model Number

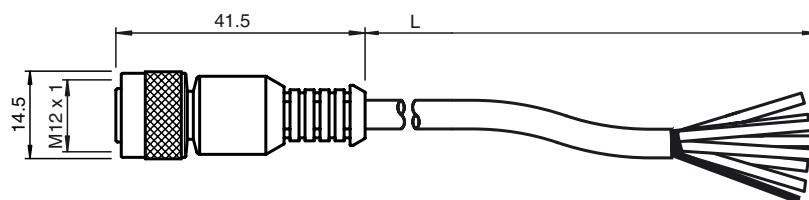
V17-G-20M-PUR

Cable socket, M12, 8-pin, shielded, PUR cable

Features

- Immunity to vibration, with mechanical latching
- Shield applied to Pin 8
- Gold plated contacts
- Halogen-free

Dimensions



Technical data

General specifications

Number of poles	7 + 1 x screen
Connection 1	Connector, female
Construction type 1	straight
Threading 1	M12
Connection 2	free cable end

Electrical specifications

Operating voltage	U_B	max. 300 V DC
Test voltage		> 800 V _{eff} AC
Operating current		max. 2 A
Volume resistance		< 3 mΩ, Contact resistance 53 Ω/km

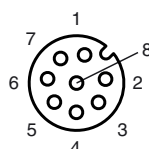
Ambient conditions

Ambient temperature	Cable, moving: -5 to 70 °C (268 to 343 K), Cable, fixed: -25 to 70 °C (248 to 343 K)
Degree of soiling	3

Mechanical specifications

Protection degree	IP67	
Material		
Contacts	CuSn	
Contact surface	Au	
Handle	PUR	
Cable	PUR	
Slotted nut	CuZn, nickel-plated	
Core isolation	PP	
Cable	fine-strand, flexible	
Sheath diameter	Ø 6 mm	
Bend radius	Cable, moving: 60 mm, Cable, fixed: 30 mm	
Colour	black	
Cores	7 x 0.25 mm ²	
Conductor construction	19 x 0.13 mm Ø	
Shield	Braid	
Length	L	20 m

Electrical connection 1



Electrical connection 2

