

Model Number

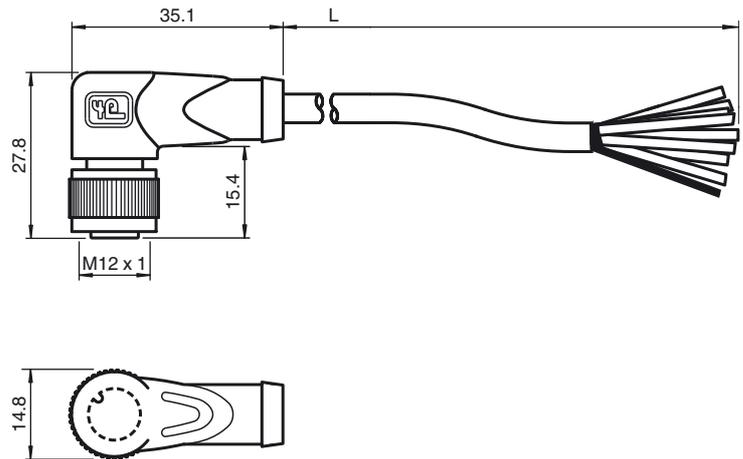
V19-W-BK5M-PUR-U/ABG

Female cordset, M12, 8-pin, shielded, PUR cable

Features

- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching
- Gold-plated and machined contacts
- Flame resistant cable
- Halogen-free
- Resistant to microbes and hydrolysis
- Protection degree IP67 / IP68 / IP69K

Dimensions



Technical data

General specifications

Number of pins	8 + shield
Connection 1	socket
Construction type 1	right angle
Threading 1	M12
Connection 2	cable end

Electrical specifications

Operating voltage	U_B	max. 30 V AC/DC
Operating current		max. 2 A

Ambient conditions

Ambient temperature	Body: -40 ... 90 °C (-40 ... 194 °F) cable, fixed: -40 ... 80 °C (-40 ... 176 °F) cable, flexing: -20 ... 80 °C (-4 ... 176 °F)
Pollution Degree	3

Mechanical specifications

Contact elements	spring-loaded contact socket	
Pin diameter	1 mm	
Protection degree	IP67 / IP68 / IP69k	
Material		
Contacts	CuSn / Au	
Contact surface	Au	
Body	TPU, green	
Cable	PUR	
Slotted nut	Diecast zinc	
Core insulation	PP	
Cable	fine-strand, flexible	
Sheath diameter	Ø 6 mm	
Bending radius	> 10 x cable diameter, moving > 8 x cable diameter, fixed	
Color	black	
Cores	8 x 0.25 mm ²	
Conductor construction	14 x 0.15 mm Ø	
Shield	grid covering 85 %	
Length	L	5 m
Flammability		
Contact material	HB	
Housing	V-2	

Compliance with standards and directives

Standard conformity	
Flammability	Grip: UL 94

Approvals and certificates

UL approval	cURus AWM 20549 AWM I/II A/B 80°C 300V FT2 (cable)
-------------	--

Electrical connection

