

Model Number

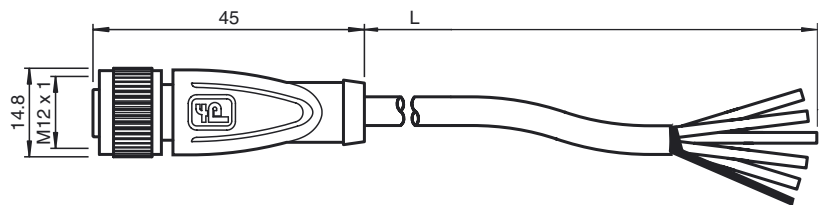
WCS-DCF-5M-V15

Cable socket, M12, 5-pin, shielded, PUR cable

Features

- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching
- Shield attached to coupling nut
- Gold-plated and machined contacts
- Protection degree IP67 / IP68 / IP69k
- Halogen-free

Dimensions



Technical data

General specifications

Number of pins	5 + shield
Connection 1	female connector
Construction type 1	straight
Threading 1	M12
Connection 2	cable end

Electrical specifications

Operating voltage	U_B	max. 60 V AC/DC
Operating current		max. 4 A
Volume resistance		< 5 m Ω

Ambient conditions

Ambient temperature	Body: -40 ... 90 °C (-40 ... 194 °F) cable, flexing: -25 ... 100 °C (-13 ... 212 °F) cable, fixed: -25 ... 100 °C (-13 ... 212 °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	extra-fine wire, flexible	
Sheath diameter	\varnothing 4.8 mm	
Bending radius	> 10 x cable diameter, moving	
Color	grey	
Cores	5 x 0.34 mm ²	
Conductor construction	42 x 0.1 mm \varnothing	
Shield	grid covering 85 %	
Length	L	5 m
Flammability		
Contact material	HB	
Housing	V-2	

Compliance with standards and directives

Standard conformity	
Protection degree	EN 60529:2000
Standards	IEC 61076-2-101:2008
Flammability	Grip: UL 94

Electrical connection

