



Model Number

V19-G-BK20M-PVC-U/ABG-Y279555

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

Features

- UL Recognized Component
- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching
- Shield attached to coupling nut

Accessories

MH V1-SCREWDRIVER
torque screwdriver (0.6 Nm)

MH V1-BIT M12
plug-in cap M12

MH V1-Holder
Modular universal holder for M12 connectors

V1-MARKING-RING-BLUE
Marking ring for M12 plug

V1-MARKING-RING-GREEN
Marking ring for M12 plug

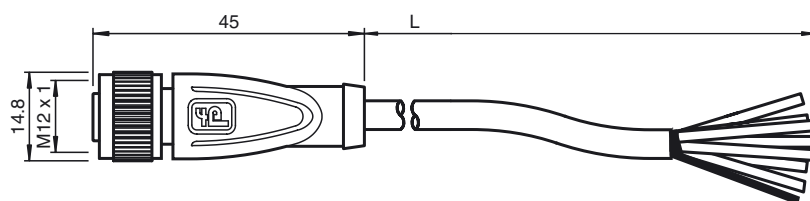
V1-MARKING-RING-ORANGE
Marking ring for M12 plug

V1-MARKING-RING-RED
Marking ring for M12 plug

V1-MARKING-RING-WHITE
Marking ring for M12 plug

V1-MARKING-RING-YELLOW
Marking ring for M12 plug

Dimensions



Technical data

General specifications

Number of pins	8 + shield
Connection 1	socket
Construction type 1	straight
Threading 1	M12
Connection 2	cable end
UL File Number	E231213

Electrical specifications

Operating voltage	U_B	max. 30 V DC
Operating current	I_B	max. 2 A
Volume resistance		< 5 m Ω

Ambient conditions

Ambient temperature	-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	0,8 mm
Degree of protection	IP67
Material	
Contacts	CuSn / Au
Contact surface	Au
Body	TPU, black
Cable	PVC
Slotted nut	Diecast zinc
Core insulation	PVC
Cable	fine-strand, flexible
Sheath diameter	Ø 6.2 mm
Bending radius	> 15 x cable diameter, moving > 6 x cable diameter, fixed
Color	black
Number of cores	8
Core cross-section	0.25 mm ²
Conductor construction	14 x 0.15 mm Ø
Shield	grid covering 85 %
Length	L 20 m
Flammability	
Contact carrier	94 HB
Housing	94 V-2
Note	Labeling sleeve for the cable not included; with "Made in EU" imprint

Approvals and certificates

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

