



Model Number

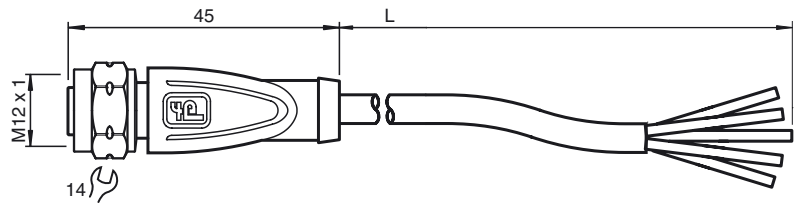
V15-GV4A-BK3M-PUR-U5/ABG-MOBA

Single-ended female cordset, M12, stainless steel, 5-pin, shielded, PUR cable

Features

- Shield attached to coupling nut
- UL Recognized Component
- Coupling nut V4A
- Immunity to vibration, with mechanical latching
- Gold plated contacts
- Flame resistant cable
- Halogen-free

Dimensions



Technical data

General specifications

Number of pins	5 + 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. 60 V AC/DC
Operating current	I_B	max. 4 A
Contact resistance		< 10 mΩ

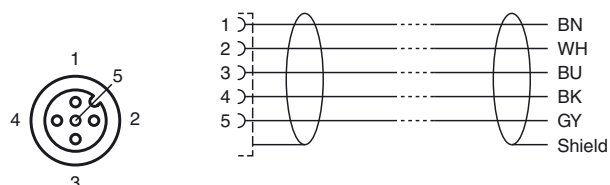
Ambient conditions

Ambient temperature	Body: -40 ... 90 °C (-40 ... 194 °F) Cable: -30 ... 105 °C (-22 ... 221 °F) active -50 ... 105 °C (-58 ... 221 °F) fixed
Pollution degree	3

Mechanical specifications

Contact elements	spring-loaded contact socket
Pin diameter	1 mm
Degree of protection	IP67 / IP68 / IP69k
Cable code	Li 9Y C 11Y 5 x 0.50
Material	
Contacts	CuSn / Au
Contact surface	Au
Body	TPU, black
Cable	PUR
Slotted nut	Stainless steel 1.4435 / AISI 316L
Seal	FKM
Core insulation	PP
Cable	fine-strand, flexible
Sheath diameter	Ø 6 mm ± 0.15 mm
Bending radius	> 10 x cable diameter, moving > 5 x cable diameter, fixed
Color	black
Cores	5 x 0.5 mm ²
Conductor construction	16 x 0.2 mm Ø
Shield	grid covering 85 %
Length	L 3 m
Flammability	
Contact carrier	94 HB
Housing	94 V-2
Cable	FT2
Note	Stripped 10 cm, twisted shielding

Electrical connection



Compliance with standards and directives

Standard conformity

Degree of protection	EN 60529
Standards	IEC 61076-2-101
Halogen-free	IEC 60754-1

Accessories**MH V1-SCREWDRIVER**

torque screwdriver (0.6 Nm)

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

V1/V3-LABELHOLDER

Label holder

V1/V3-LABEL

Label plate