



### Model Number

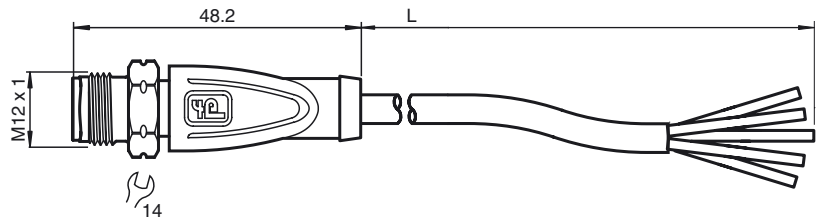
#### V15S-GV4A-BK3M-PUR-U5/ABG-MOBA

Single-ended male 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	Male connector
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

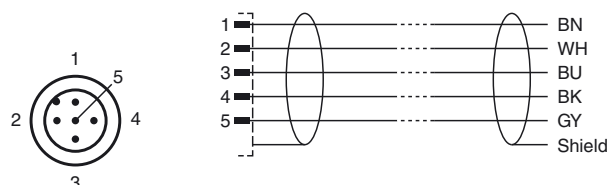
#### Ambient conditions

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
Sleeve connector	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 <sup>2</sup>
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