



Model Number

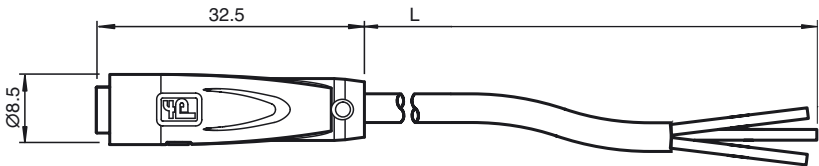
V3-GR-20M-PUR

Female cordset, snap locking, 3-pin, PUR cable

Features

- Snap locking
- Resistant to microbes and hydrolysis
- Halogen-free

Dimensions



Technical data

General specifications

Number of pins	3
Connection 1	socket
Construction type 1	straight
Threading 1	M8 Snap locking
Connection 2	cable end

Electrical specifications

Operating voltage	U _B	max. 48 V AC / 60 V DC
Operating current	I _B	max. 3 A
Volume resistance		< 5 mΩ

Ambient conditions

Ambient temperature	-25 ... 90 °C (-13 ... 194 °F) cable, fixed: -40 ... 80 °C (-40 ... 176 °F) cable, flexing: -20 ... 80 °C (-4 ... 176 °F)
Pollution degree	3

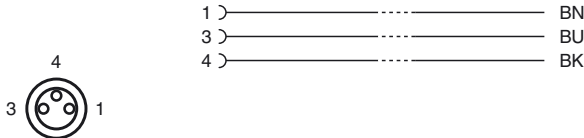
Mechanical specifications

Contact elements	spring-loaded contact socket
Pin diameter	1 mm
Degree of protection	IP67
Cable code	Li9Y11Y 3 x 0.25 mm ²
Material	
Contacts	CuSn / Au
Contact surface	Au
Body	TPU, black
Cable	PUR
Core insulation	PP
Cable	fine-strand, flexible
Sheath diameter	Ø 4.3 mm
Bending radius	> 15 x cable diameter, moving > 8 x cable diameter, fixed
Color	grey
Number of cores	3
Core cross-section	0.25 mm ²
Conductor construction	14 x 0.15 mm Ø
Length	L 20 m

Compliance with standards and directives

Standard conformity	
Degree of protection	EN 60529:2000
Flammability	Body: UL 94 Line: UL 1581 Section 1061; IEC 60332-1-2:2004
Specification	connector M8 x 1 : IEC 61076-2-104

Electrical connection



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