



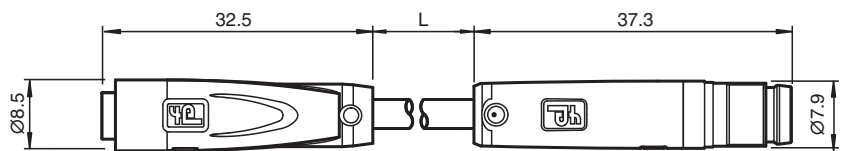
Connection cable V31-GR-0,3M-PVC-V31-GR-YELS

- Degree of protection IP67
- Snap locking
- Plug fits through drill holes diameter min. 8 mm

Cordset M8 socket snap-lock straight to M8 plug snap-lock straight A-coded, 4-pin, PVC cable 3-core black



Dimensions



Technical Data

General specifications		
Customization		pinout for Thru-beam sensor
Connector 1		
Connection		socket
Construction type		M8
Style		straight
Locking		snap locking
Number of pins		4
Coding		A-coded
Connector 2		
Connection		plug
Construction type		M8
Style		straight
Locking		snap locking
Number of pins		4
Coding		A-coded

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Technical Data

Electrical specifications

Operating voltage	U_B	max. 30 V AC/DC
Operating current	I_B	max. 3 A

Conformity

Degree of protection		EN 60529
Plug connection		connector M8 x 1 : IEC 61076-2-104
Flammability		UL 1581 , IEC 60332-1-2

Ambient conditions

Ambient temperature		
Plug connector		-25 ... 90 °C (-13 ... 194 °F)
Cable, fixed		-25 ... 80 °C (-13 ... 176 °F)
Cable, flexing		-5 ... 80 °C (23 ... 176 °F)
Pollution degree		3

Mechanical specifications

Plug connector		
Mating cycles		min. 100
Degree of protection		IP67
Cable		according to IEC/EN 60228 (DIN VDE 0295) class 5
Sheath diameter		4.3 mm
Bending radius		> 15 x cable diameter, moving > 5 x cable diameter, fixed
Sheath stripping force		max. 50 N / 300 mm
Sheath color		black (similar to RAL 9005)
Number of cores		4
Core cross section		0.34 mm ²
Cores color		Core 1: brown Core 2: not used Core 3: blue Core 4: black
Core construction		19 x 0.15 mm Ø
Length	L	0.3 m
Cable code		Li YY 4 x 0,34

Material

Plug connector		
Body		PUR, black
Contact surface		Au
Flammability		V-2
Cable		
Sheathing		PVC
Core insulation		PVC
Flammability		FT1

Connection Assignment

