



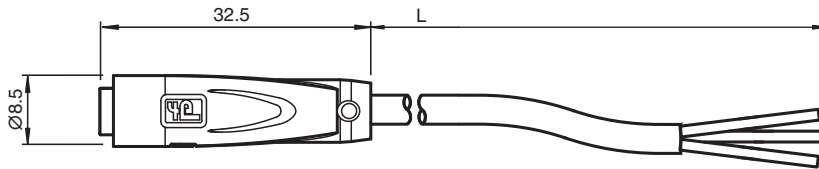
Female cordset V31-GR-5M-PVC-YELS

- Snap locking
- For use with thru-beam sensor

Female connector M8 socket snap-lock straight A-coded, 4-pin, PVC cable 3-core black



Dimensions



Technical Data

General specifications

Connector 1		
Connection		socket
Construction type		M8
Style		straight
Locking		snap locking
Number of pins		4
Coding		A-coded
Connector 2		
Connection		cable end

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

Ambient conditions

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Technical Data

Ambient temperature		
Plug connector		-25 ... 90 °C (-13 ... 194 °F)
Cable, flexing		-25 ... 70 °C (-13 ... 158 °F)
Pollution degree		3
Mechanical specifications		
Plug connector		
Mating cycles		min. 100
Degree of protection		IP67
Material		
Contacts		CuZn
Contact surface		Au
Body		PUR
Cable		PVC
Core insulation		PVC
Cable		according to IEC/EN 60228 (DIN VDE 0295) class 6
Sheath diameter		3 mm
Bending radius		> 10 x cable diameter, moving
Sheath color		black (similar to RAL 9005)
Number of cores		3
Core cross section		0.14 mm ²
Cores color		Core 1: brown Core 2: black Core 3: blue
Core construction		18 x 0.1 mm Ø
Length	L	5 m
Cable code		Li YY 3 x 0,14
Material		
Plug connector		
Body		PUR, black
Contact surface		Au
Flammability		V-2
Cable		
Sheathing		PVC
Core insulation		PVC

Connection Assignment



1)	-----	BN
2)	-----	BK
3)	-----	BU
4)		n.c.