



## Features

- Shielded coupling nut
- Data transfer up to 12 Mbaud
- Halogen-free

## Technical data

Number of pins	2 + shield
Transfer rate	Max. 12 MBit/s
<b>Electrical data</b>	
Operating voltage $U_B$	Max. 250 V
Operating current	Max. 4 A
Volume resistance	< 5 mΩ
<b>Ambient conditions</b>	
Ambient temperature	-20 ... 80 °C (253 ... 353 K), non-fixed -25 ... 80 °C (233 ... 353 K), fixed
Degree of pollution	3
<b>Mechanical data</b>	
Connection	M12 plug/socket, 5-pin, B-coded
Degree of protection	IP65 / IP67/ IP69K
<b>Materials</b>	
Contacts	CuSn
Contact surface	Ni/Au
Body	TPU, black
Coupling nut	Die-cast zinc, nickel-plated
Push-on sleeve	Die-cast zinc, nickel-plated
<b>Cable</b>	
Cable diameter	7.8 mm
Bending radius	> 78 mm
Color	Violet (RAL 4001)
Leads	2 x 0.25 mm <sup>2</sup>
Shield	Braided, tin-plated copper wires, 80 % coverage Aluminum lined polyester film

Sensor-actuator cable

Field-attachable connectors

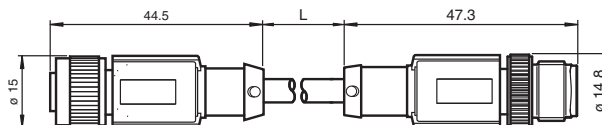
Junction blocks

Sensor-actuator splitters

Sensor-actuator receptacles

Data connectors

## Dimensions



## Electrical connection



## Order codes

V 1 5 B - G - . M - P U R - A B G - V 1 5 B - G

Cable lengths in m  
0.2 ... 40

V15B

- Standard, cable lengths of 2 m, 5 m and 10m available in stock
- Available, minimum order quantity applies in some cases
- Not available