

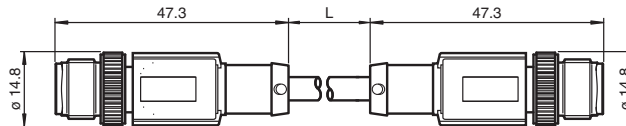
## Features

- Transfer characteristics in accordance with CAT5 (IEC 11801:2002), CAT5e (EIA/TIA-568B:2001)
- Halogen-free
- Twisted pair, shielded

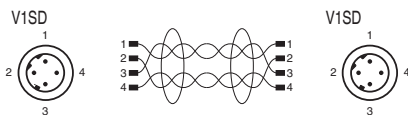
## Technical data

Number of pins	4
<b>Electrical data</b>	
Operating voltage $U_B$	Max. 60 V
Volume resistance	< 5 mΩ
<b>Ambient conditions</b>	
Ambient temperature	-20 ... 70 °C, fixed 0 ... 50 °C, non-fixed
<b>Mechanical data</b>	
Connection	M12 plug, 4-pin, D-coded
Degree of protection	IP65/IP67/IP69K
<b>Materials</b>	
Contacts	CuSn
Contact surface	Ni/Au
Coupling nut/push-on sleeve	Die-cast zinc, nickel-plated
Cable	PUR
Strand insulation	PE
Body	TPU
<b>Cable</b>	
Sheath diameter	8 mm
Bending radius	> 35 mm
Color	Water blue (RAL 5021)
Leads	4 x 0.25 mm <sup>2</sup>
Shield	Cu braided, tin-plated, 65 % coverage Aluminum lined polyester film

## Dimensions



## Electrical connection



## Order codes

V 1 S D - G - . . M - P U R - A B G - V 1 S D - G

Cable lengths in m  
0.5 ... 60

V1SD

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