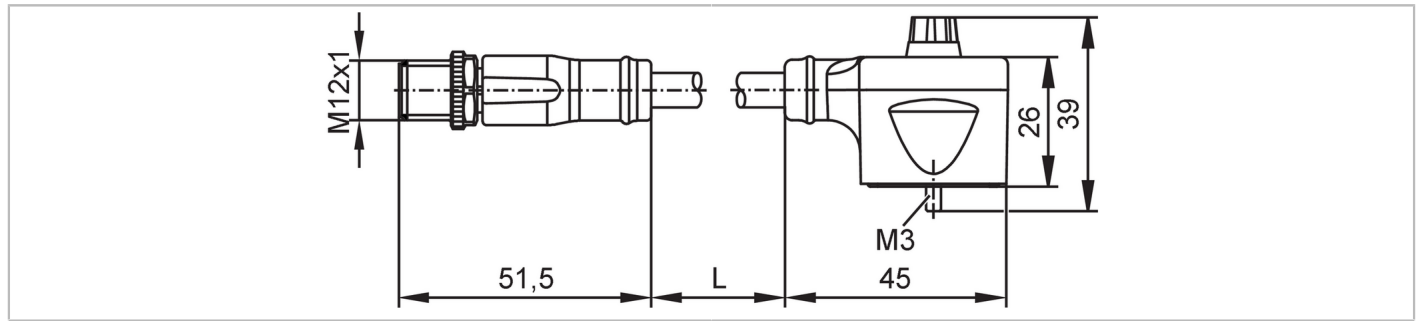


EVCB12



Patchcords with valve plug

VVDAA031--S0005H03STGH030MSS



Application		
Special feature	Free from silicone; Halogen-free; gold-plated contacts; Drag chain suitability	
Application	Industrial applications; Oils and coolants	
Free from silicone	yes	
Electrical data		
Operating voltage	[V]	< 24 AC/DC
Current consumption	[mA]	< 4; (Ub = 24V)
Overvoltage protection	yes; (VDR)	
Max. current load total	[A]	4
Operating conditions		
Ambient temperature	[°C]	-20...90
Ambient temperature (moving)	[°C]	-25...90
Storage temperature	[°C]	-25...55
Storage humidity	[%]	10...100
Other climatic conditions for storage according to stated class	1K22/ DIN 60721-3-1	
Protection	IP 67; IP 68; IP 69K; (plug M12: IP 65; IP 67; IP 68; IP 69K)	
Mechanical data		
Weight	[g]	288.15
Material	housing: PA	
Molded-body material	TPU (urethane)	
Material nut	brass, nickel-plated	
Sealing material	HNBR	
Drag chain suitability	yes	
Drag chain suitability	Bending radius for flexible applications	min. 10 x cable diameter
	Travel speed	max. 3.3 m/s for a horizontal travel length of 5 m and max. acceleration of 5 m/s²
	Bending cycles	> 5 Mio.
	Torsional strain	± 180 °/m
Displays / operating elements		
Display	Switching status	1 x LED, yellow
Remarks		
Pack quantity	1 pcs.	

EVCB12



Patchcords with valve plug

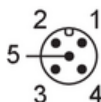
VVDAA031--S0005H03STGH030MSS

Electrical connection

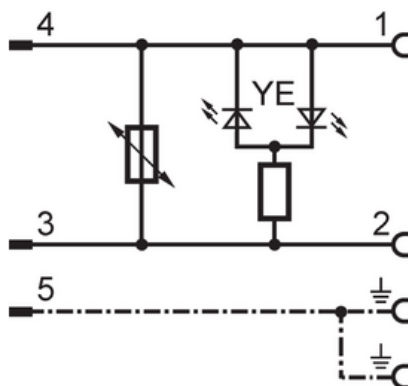
Cable: 5 m, PUR, Halogen-free, Ø 5.4 mm; 3 x 0.75 mm² / AWG 19

Electrical connection - plug

Connector: 1 x M12, straight; coding: A; Contacts: 5, gold-plated; Moulded body: TPU (urethane), orange; Locking: brass, nickel-plated; Tightening torque: 0.6...1.5 Nm



Connection



Electrical connection - Socket

Connector: 1 x valve type A DIN (EN 175301-803), angled; Contacts: 4; Moulded body: TPU (urethane), black; sealing: HNBR; Tightening torque: 0.3...0.4 Nm

