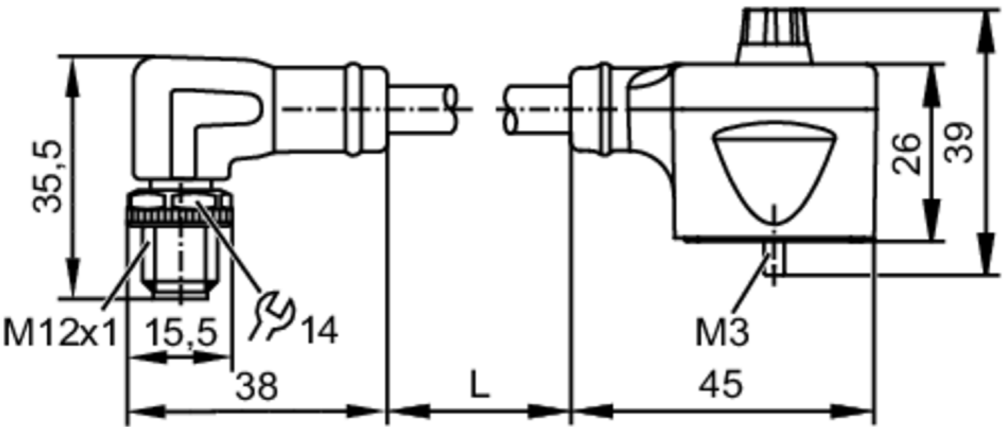


EVCB16



Patchcords with valve plug

VVDAA031--S0001H03STAH030MSS



Application

System	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; (U _b = 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]	106.05
Material		housing: PA
Molded-body material		TPU (urethane)
Material nut		brass, nickel-plated

EVCB16



Patchcords with valve plug

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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
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Remarks

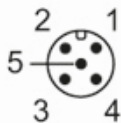
Pack quantity	1 pcs.
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Electrical connection

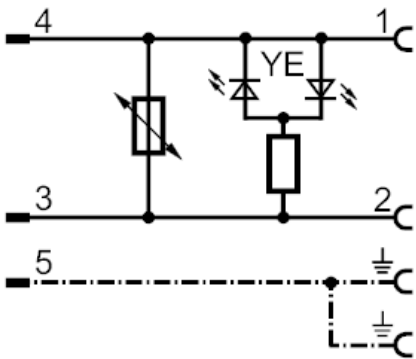
Cable: 1 m, PUR, Halogen-free, Ø 5.4 mm; 3 x 0.75 mm² / AWG 19

Electrical connection - plug

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



Connection



EVCB16



Patchcords with valve plug

VVDAA031--S0001H03STAH030MSS

Electrical connection - Socket

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

