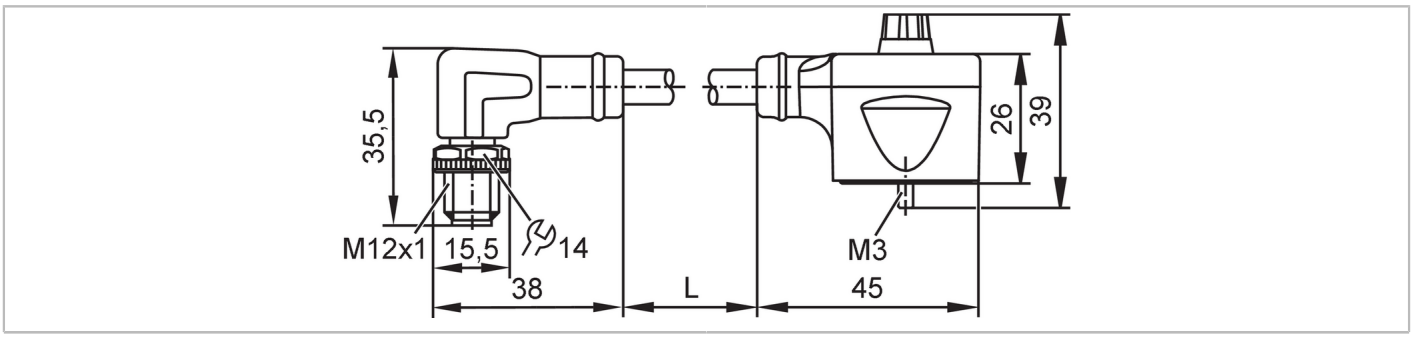
EVCB20

Jumper cable with valve plug

VVDAA031--S0005H03STAH030MSS



Application			
Special feature			Free from silicone; Halogen-free; Gold-plated contacts; Drag chain suitability
Application			Industrial applications / factory automation; Use in machine tools, coolants and lubricants
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]		290.1
Materials			housing: PA
Moulded-body material			TPU
Material nut			brass, nickel-plated
Sealing material			HNBR
Drag chain suitability			yes
Drag chain suitability		bending radius for flexible use	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.

EVCB20

Jumper cable with valve plug

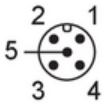
VVDAA031--S0005H03STAH030MSS

Electrical connection

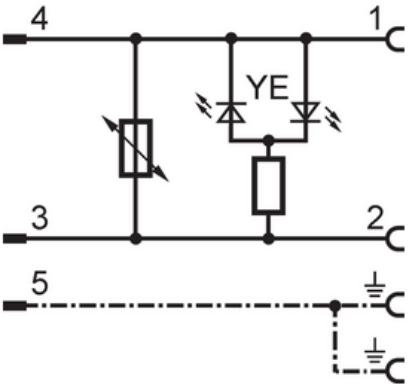
Cable: 5 m, PUR, Halogen-free, Ø 5.4 mm; 3 x 0.75 mm² / AWG 19

Electrical connection - plug

Connector: 1 x M12, angled; coding: A; Contacts: 5, gold-plated; Moulded body: TPU, 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, black; Sealing: HNBR; Tightening torque: 0.3...0.4 Nm

