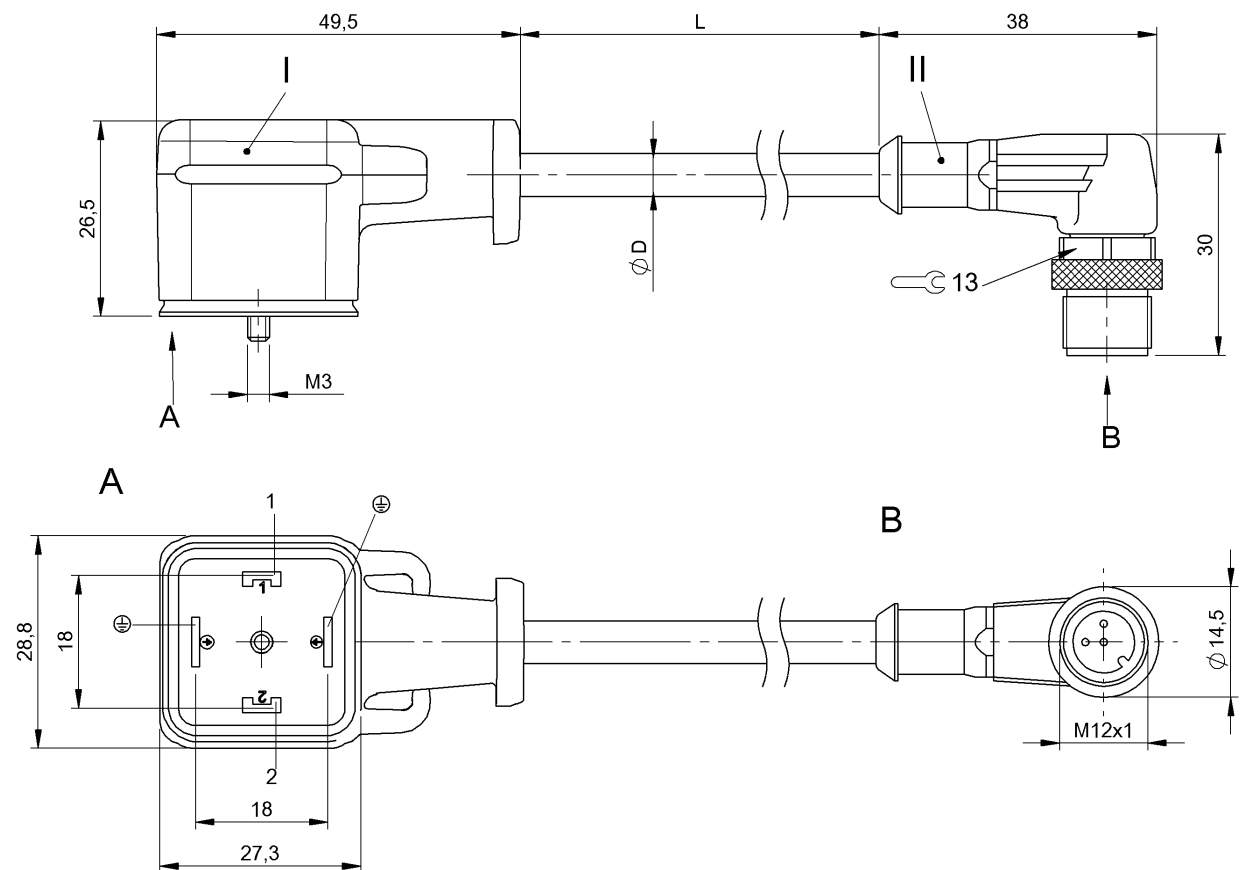




Electrical connection

Bending radius min., fixed cable	5 x D
Bending radius min., flexible cable	10 x D
Cable	PUR black, 2 m, drag chain compatible
Cable diameter D	4.60 mm ± 0.20 mm
Cable, bending cycles min.	2 mil.
Conductor cross-section	0.50 mm ²
Connection 1	A, DIN-0°/180°-Valve connector, angled, 4-pin
Connection 2	M12x1-Male, angled, 3-pin, A-coded
Number of conductors	3
System	Molded/Molded

Electrical data

Operating voltage U _b	24 VDC / 24 VAC
Rated current (40 °C)	4.0 A

Environmental conditions

Cable temperature, drag chain	-25...60 °C
Cable temperature, fixed routing	-50...80 °C
Cable temperature, flexible routing	-25...80 °C
IP rating	IP67/IP67, IP69K

Material

Cable jacket, material	PUR
Material contact carrier	PA 6.6/TPU
Material contacts	Brass/Bronze
Material cover nut	Brass nickel-plated
Material grip	PUR/PUR
Material locking screw	Steel

Mechanical data

Acceleration max., drag chain	5 m/s ²
Cable jacket, color	black
Cable length L	2.00 m

Cable properties

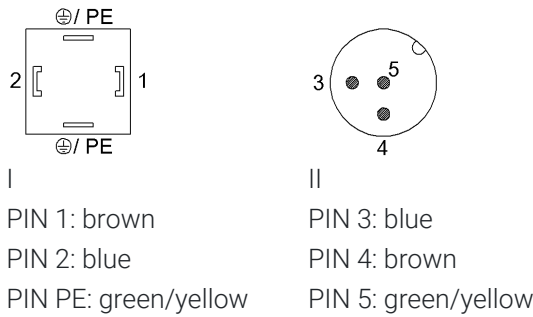
Horizontal travel permitted, drag chain	5 m
Tightening torque pigtail	0.5 Nm/0.6 Nm
Traverse speed max., drag chain	200 m/min
Vertical travel permitted, drag chain	2 m

drag chain compatible

Remarks

Cable construction acc. to UL-AWM Style 20549
Halogen-free acc. to EN 50267-2-1
Silicone-free
Flame resistance per IEC 60332-2-2
* style A per EN 175301-803
Enclosure rating per IEC 60529 or 20653, only in screwed state with the associated mating piece.

Connector Drawings



Wiring Diagrams

