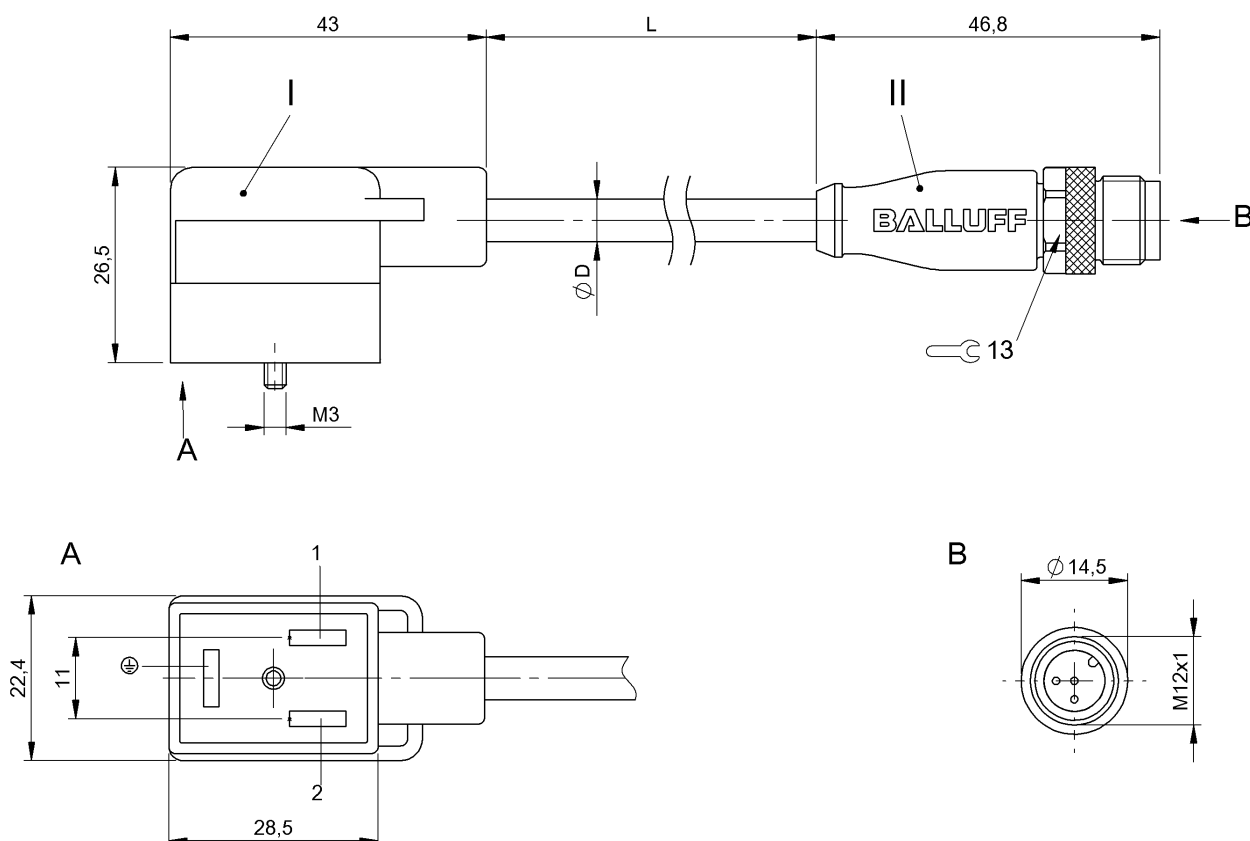




Basic features

Approval/Conformity	CE WEEE
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Electrical connection

Bending radius min., fixed cable	5 x D
Bending radius min., flexible cable	10 x D
Cable	PUR black, 0.3 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	B, Ind.-180°-Female, angled, 3-pin
Connection 2	M12x1-Male, straight, 3-pin, A-coded
Number of conductors	3
System	Molded/Molded

Electrical data

Operating voltage U_b	60 VDC / 60 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	PBT/TPU
Material contacts	Brass/Bronze
Material cover nut	Brass nickel-plated
Material grip	PUR/PUR
Material locking screw	Steel

Mechanical data

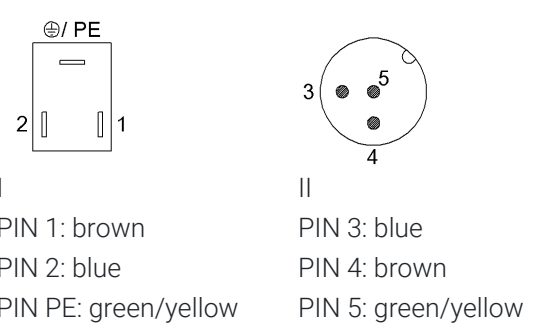
Acceleration max., drag chain	5 m/s ²
Cable jacket, color	black
Cable length L	0.30 m

Cable properties	drag chain compatible
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

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 B industry standard
Enclosure rating per IEC 60529 or 20653, only in screwed state with the associated mating piece.

Connector Drawings



Wiring Diagrams

