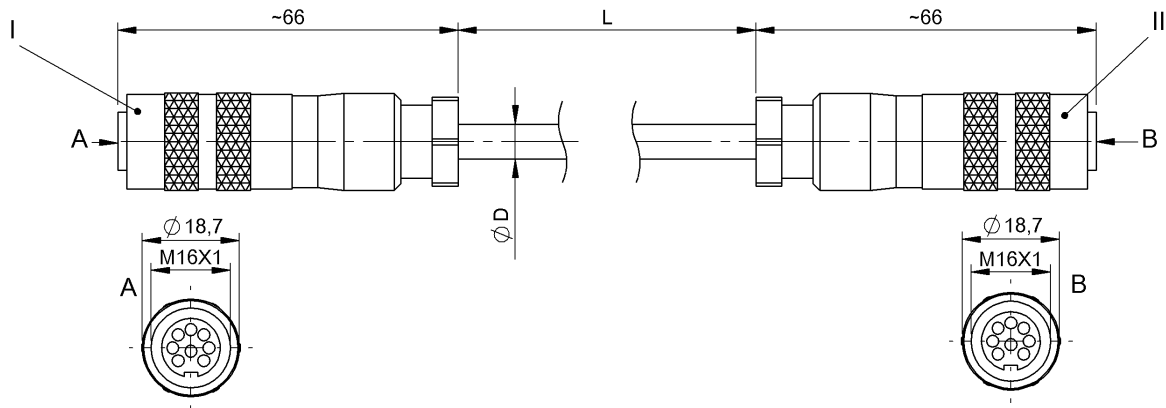




Basic features

Application	Transducer
Approval/Conformity	CE EAC

Electrical connection

Bending radius min., fixed cable	5 x D
Bending radius min., flexible cable	10 x D
Cable	PUR Shielded black, 15 m, drag chain compatible
Cable diameter D	6.70 mm ±0.30 mm
Cable, bending cycles min.	2 mil.
Conductor cross-section	0.25 mm ²
Connection 1	M16x0.75-Female, straight
Connection 2	M16x0.75-Female, straight
Number of conductors	8
System	assembled/assembled

Electrical data

Conductor construction	4x2 twisted-pair
Operating voltage U _b	60 VDC / 60 VAC
Rated current (40 °C)	5.0 A
Stranding	pairs

Remarks

Cable construction acc. to UL-AWM Style 20549
Halogen-free per DIN VDE 0472 Part 815
Silicone-free
Flame resistance per UL FT2

Environmental conditions

Ambient temperature	-30...95 °C
Cable temperature UL max., fixed routing	80 °C
Cable temperature UL max., flexible routing	80 °C
Cable temperature, drag chain	-25...60 °C
Cable temperature, fixed routing	-50...80 °C
Cable temperature, flexible routing	-25...80 °C
IP rating	IP67

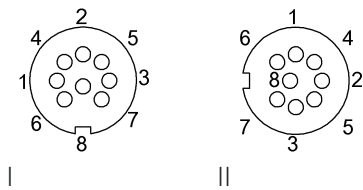
Material

Cable jacket material, note	Shielded
Cable jacket, material	PUR
Cable shield	Copper braid, tin-plated
Material contact carrier	PBT
Material contacts	Bronze/Gold plated

Mechanical data

Acceleration max., drag chain	5 m/s ²
Cable jacket, color	black
Cable length L	15.00 m
Cable properties	drag chain compatible
Horizontal travel permitted, drag chain	5 m
Traverse speed max., drag chain	200 m/min
Vertical travel permitted, drag chain	2 m

Connector Drawings



Wiring Diagrams (Schematic)

