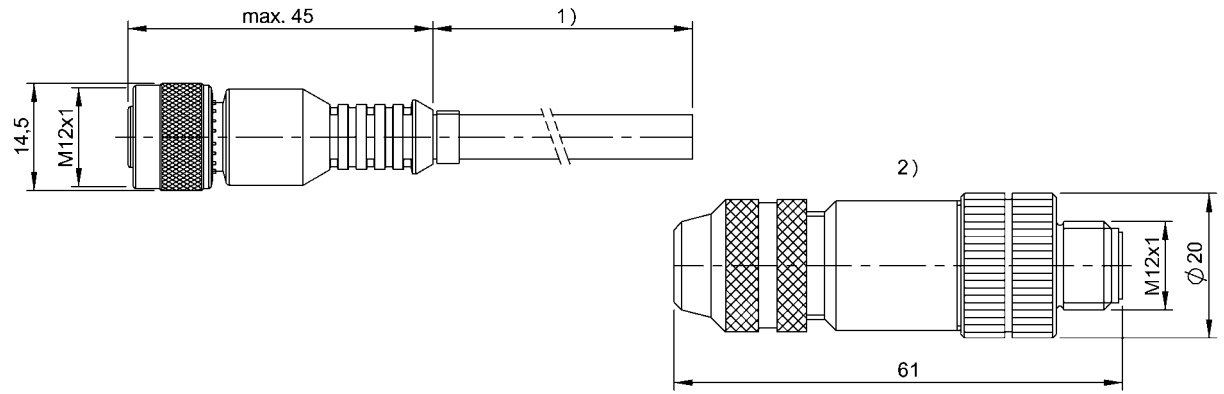


Double-Ended Cordsets
BIS Z-501-PU1-50/E
Order Code: BCC00RJ



1) Cable length see text, 2) Connector included



Basic features

Approval/Conformity	CE UKCA WEEE
---------------------	--------------------

Electrical connection

Bending radius min., fixed cable	5 x D
Bending radius min., flexible cable	15 x D
Cable	PUR Shielded black, 50 m, drag chain compatible
Cable diameter D	6.70 mm ±0.30 mm
Conductor cross-section	0.25 mm²
Connection 1	M12x1-Female, straight, 8-pin, A-coded
Connection 2	M12x1-Male, straight, 8-pin, A-coded
Number of conductors	8
System	Molded/Molded

Electrical data

Conductor construction	4x2 twisted-pair
Operating voltage Ub	30 VDC / 30 VAC
Rated current (40 °C)	2.0 A
Stranding	pairs

Environmental conditions

Cable temperature UL max., fixed routing	80 °C
Cable temperature UL max., flexible routing	80 °C
Cable temperature, drag chain	-5...60 °C
Cable temperature, fixed routing	-40...90 °C
Cable temperature, flexible routing	-5...90 °C
IP rating	IP67/IP67

Material

Cable jacket material, note	Shielded
Cable jacket, material	PUR
Cable shield	Copper braid, tin-plated
Material contacts	Bronze/Brass

Mechanical data

Acceleration max., drag chain	5 m/s²
Cable jacket, color	black
Cable length L	50.00 m
Cable properties	drag chain compatible
Horizontal travel permitted, drag chain	10 m
Tightening torque pigtail	0.6 Nm/0.6 Nm
Traverse speed max., drag chain	4.5 m/s

Double-Ended Cordsets
BIS Z-501-PU1-50/E
Order Code: BCC00RJ

BALLUFF

Remarks

Cable construction acc. to UL-AWM Style 20549

Halogen-free per DIN VDE 0472 Part 815

Flame resistance acc. to IEC 60332-1

Flame resistance per UL FT2

Oil resistant per DIN VDE 0472 Part 803

Tin plated copper braiding, optical coverage min. 85%

Enclosure rating per IEC 60529, only in screwed state with the associated mating piece.

1x M12 coupling 8-conductor molded, straight with open cable end plus included 1x M12 connector 8-conductor, straight, for user assembly

Connection cable: For all BIS L/M/S-3xx read/write heads with 8-pin connector for connecting to BIS L/M/S-6xxx and BIS M-407. Cable can be trimmed to required length.