



1) Cable length see text



### Basic features

Approval/Conformity	CE
	EAC
	WEEE

### Electrical connection

Bending radius min., fixed cable	5 x D
Bending radius min., flexible cable	10 x D
Cable	PUR Shielded black, 2.70 m, Drag chain compatible
Cable diameter D	4.70 mm ±0.15 mm
Cable, bending cycles min.	2 million
Conductor cross-section	0.34 mm <sup>2</sup>
Connection 1	M8x1-Female, straight, A-coded
Connection 2	M12x1-Female, straight, A-coded
Number of conductors	4
System	Molded/Molded

### Environmental conditions

Cable temperature, drag chain	-25...60 °C
Cable temperature, fixed routing	-50...80 °C
Cable temperature, flexible routing	-25...80 °C
Protection degree	IP65 installed

### Material

Cable jacket material, note	Shielded
Cable jacket, material	PUR
Cable shield	Copper braid, tin-plated

### Mechanical data

Acceleration max., drag chain	5 m/s <sup>2</sup>
Cable jacket, color	black
Cable length L	2.70 m
Cable properties	Drag chain compatible
Horizontal travel permitted, drag chain	5 m
Tightening torque pigtail	0.4 Nm/0.6 Nm
Traverse speed max., drag chain	200 m/min
Vertical travel permitted, drag chain	2 m

Double-Ended Cordsets  
**BIS C-527-PU1-02,7**  
Order Code: BCC00PY

**BALLUFF**

#### Remarks

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Cable construction acc. to UL-AWM Style 20549

Halogen-free per DIN VDE 0472 Part 815

Silicone-free

Flame resistance per UL FT2

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

M12 coupling 4-pin threaded on, with 1x M8 coupling 3-pin molded-on

Connection cable: for read/write head BIS C-306-PU1-00,3-SA1 For connecting to converter BIS C-901 or BIS C-6xx Drag chain compatible Customer-specific.