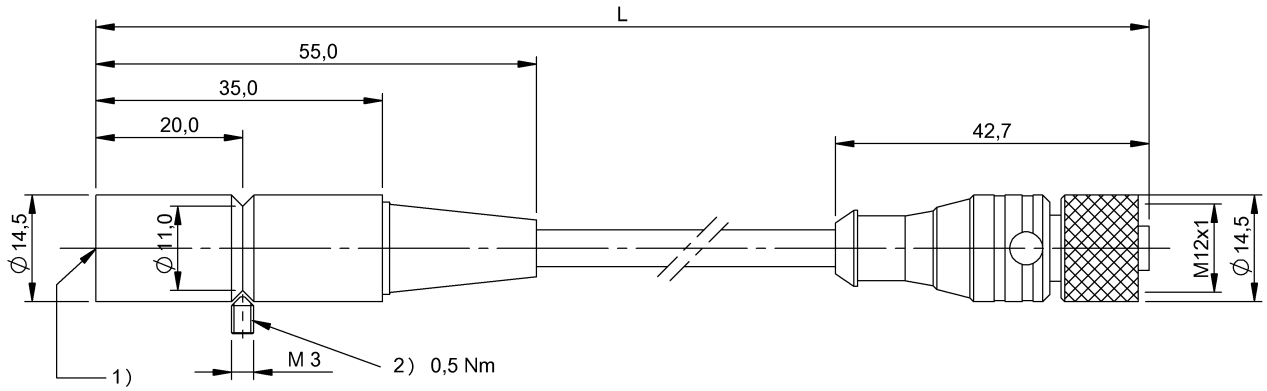
LF (70/455 kHz)

BIS C-300-PU1-02
Order Code: BIS0138



1) Sensing surface, 2) Tightening torque

Basic features

Antenna type	round
Approval/Conformity	CE cULus EAC WEEE
EN 55011	Size 1, Cl. A
Principle of operation	Read/write head

Electrical connection

Bending radius min., fixed cable	5 x D
Bending radius min., flexible cable	10 x D
Cable diameter D	5.40 mm
Cable length L	2 m, drag chain compatible
Cable, bending cycles min.	2 mil.
Connection	M12x1-Female
Connection type	2 m, PU

Environmental conditions

Ambient temperature	0...70 °C
Cable temperature, drag chain	-25...60 °C
Cable temperature, fixed routing	-50...80 °C
Continuous shock load	yes
EN 60068-2-27, Shock	yes
EN 60068-2-32 Free fall	yes
EN 60068-2-6, Vibration	yes
IP rating	IP67
Storage temperature	-20...85 °C

Material

Housing material	Brass, nickel-plated
Housing material, surface protection	nickel-plated
Material jacket	PU

Mechanical data

Application weight	300 g
Dimension	Ø 14.5 x 35 mm
Installation	metal-free (clear zone) on metal flush in metal

Remarks

Only together with converter BIS C-901 or BIS C-6xx
Values are under rated conditions unless otherwise specified.

Help Views

BIS C-300-PU1-02
Order Code: BIS0138

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BIS C-300-__

passende Datenträger Appropriate data carriers	C-100-05/A bündig / flush	C-103-05/A bündig / flush	C-105-05/A bündig / flush	C-121-04/L bündig / flush	C-121-04/L-SA1 bündig / flush	C-122-04/L bündig / flush	C-130-05/L bündig / flush	C-134-__/L bündig / flush	C-130-05/L nicht bündig / non-flush	C-130-05/L-SA1 nicht bündig / non-flush	C-130-05/L-SA6	C-191-__/L nicht bündig / non-flush	C-141-11/L nicht bündig / non-flush
statischer Betrieb **Static mode**													
Schreibabstand in mm Write distance in mm	0-4	0-3,5	0-3,5	0-2	0-1,2	0-2,5	0-4	0-3	0-4	0-4	0-3	0-3,5	0-3,5
Leseabstand in mm Read distance in mm	0-4	0-3,5	0-3,5	0-2	0-1,2	0-2,5	0-4	0-3	0-4	0-4	0-3	0-3,5	0-3,5
Versatz in mm	0,7				±2								
bei Abstand von	1	±3	±3	±3	±2		±2,5	±3,5	±4	±5	±5	±3,5	±4	±3
	2													±3
Offset in mm at distance	3	±2	±2	±2				±3		±4	±4	±2	±3	±1,5
	4													
	5													
	6													
	7													
	10													
	15													
	20													
	35													
	42													
	60													

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BIS C-300-__

passende Datenträger Appropriate data carriers	C-141-11/L bündig / flush
statischer Betrieb **Static mode**	
Schreibabstand in mm Write distance in mm	0-3
Leseabstand in mm Read distance in mm	0-3
Versatz in mm bei Abstand von Offset in mm at distance	
0,7	
1	±2,5
2	±2,5
3	±1,5
4	
5	
6	
7	
10	
15	
20	
35	
42	
60	