



1) Sensing surface, 2) Tightening torque



Basic features

Antenna type	round
Approval/Conformity	CE UKCA cULus 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	10 m, drag chain compatible
Cable, bending cycles min.	2 mil.
Connection	M12x1-Female
Connection type	10.00 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	200.00 g
Dimension	Ø 16 x 35 mm
Installation	metal-free (clear zone) on metal flush in metal
Size	M16x1

Remarks

Values are under rated conditions unless otherwise specified.
 ATTENTION: 10m cable length reduces the read/write distance by 10 %
 Only together with converter BIS C-901 or BIS C-6xx

LF (70/455 kHz)
BIS C-306-PU1-10
Order Code: BIS00PE

BALLUFF

Help Views

BIS C-306-__

	C-100-05/A	C-103-05/A	C-105-05/A	C-121-04/L	C-121-04/L-SA1	C-122-04/L	C-130-05/L	C-134-__/L	C-130-05/L	C-130-05/L-SA1	C-130-05/L-SA6	C-191-__/L	C-141-11/L
passende Datenträger Appropriate data carriers	bündig / flush	bündig / flush	bündig / flush	bündig / flush	bündig / flush	bündig / flush	bündig / flush	bündig / flush	nicht bündig / non-flush	nicht bündig / non-flush	nicht bündig / non-flush	nicht bündig / non-flush	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 bei Abstand von	0.7				±2	±2,5	±3,5	±4	±5	±5	±3,5	±4	±3
1	±3	±3	±3	±2									±3
2													±3
3	±2	±2	±2										±1,5
4													
5													
6													
7													
10													
15													
20													
35													
42													
60													
Offset in mm at distance													

BIS C-306-___

passende Datenträger Appropriate data carriers	C-141-11L
statischer Betrieb	bündig / flush
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	0,7 1 ±2,5 2 ±2,5 3 ±1,5 4 5 6 7
Offset in mm at distance	10 15 20 35 42 60