



1) Sensing surface, 2) Clear zone, 3) 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	314.00 g
Dimension	Ø 30 x 70 mm
Installation	metal-free (clear zone)
Size	M30x1.5

Remarks

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

LF (70/455 kHz)
BIS C-310-PU1-10
Order Code: BIS00PJ



Help Views

BIS C-310-__



BIS C-191-__/L
nicht bündig / non-flush

BIS C-190-__/L
nicht bündig / non flush

passende Datenträger
Appropriate data carriers
statischer Betrieb

Static mode

Schreibabstand in mm Write distance in mm	0-11	0-10
Leseabstand in mm Read distance in mm	0-11	0-10
Versatz in mm bei Abstand von	0,7	
	1	±10 ±8
	2	
	3	±9 ±7,5
	4	
	5	±9 ±7
	6	
	7	±8 ±6,5
	10	±6,5
	15	
	20	
	35	
	42	
	60	