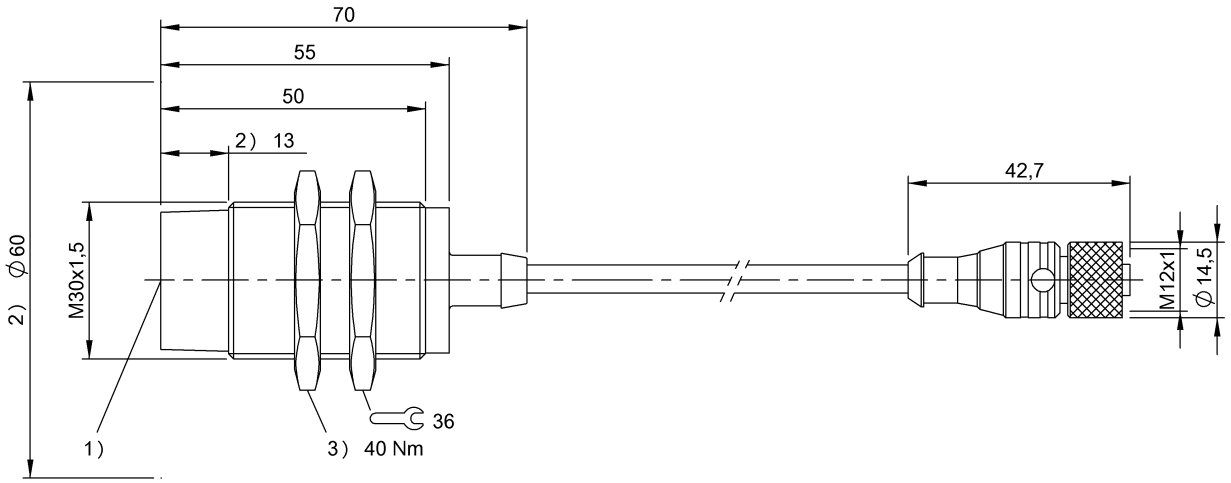
LF (70/455 kHz)

BIS C-310-PU1-10
Order Code: BIS00PJ



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

Functional safety

MTTF (40 °C)	15080 a

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 %
For more information about MTTF and B10d see MTTF / B10d Certificate

Indication of the MTTF- / B10d value does not represent a binding composition and/or life expectancy assurance; these are simply experiential values with no warranty implications. These declared values also do not extend the expiration period for defect claims or affect it in any way.

Help Views

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BIS C-310-__

passende Datenträger Appropriate data carriers	BIS C-104-__/A bündig / flush	BIS C-104-__/A nicht bündig / non-flush	BIS C-108-__/L nicht bündig / non-flush	BIS C-108-__/L-SA2 nicht bündig / non-flush	BIS C-117-05/A bündig / flush	BIS C-117-05/L nicht bündig / non-flush	BIS C-128-__/L bündig / flush	BIS C-128-__/L nicht bündig / non-flush	BIS C-130-05/L nicht bündig / non-flush	BIS C-130-05/L-SA1 bündig / flush	BIS C-130-05/L-SA6 nicht bündig / non-flush	BIS C-133-__/L nicht bündig / non-flush	BIS C-134-11/L nicht bündig / non-flush
statischer Betrieb **Static mode**													
Schreibabstand in mm Write distance in mm	1-11	0-12	0-12	0-11	1-12	0-13	0-8	0-13	0-11	0-8	0-7	0-10	0-10
Leseabstand in mm Read distance in mm	1-11	0-12	0-12	0-11	1-12	0-13	0-8	0-13	0-11	0-8	0-7	0-10	0-10
Versatz in mm bei Abstand von	0,7												
	1	±7,5	±7,5	±10	±10	±7,5	±11	±8	±10	±9	±6,5	±5,5	±10	±9
	2													
Offset in mm at distance	3	±7	±7	±9	±9	±7,5	±10	±7	±10	±8	±6	±5	±9	±8
	4													
	5	±7	±7	±9	±8,5	±7	±10	±6,5	±9	±7	±5,5	±4	±9	±7
	6													
	7	±7	±7	±8,5	±7,5	±6,5	±9,5	±5,5	±9	±5			±7	±4
	10													
	15													
	20													
	35													
	42													
	60													

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BIS C-310-__

passende Datenträger Appropriate data carriers	BIS C-190-__/L nicht bündig / non flush	BIS C-191-__/L nicht bündig / non-flush
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		
Offset in mm at distance	3	±9	±7,5
	4		
	5	±9	±7
	6		
	7	±8	±6,5
	10	±6,5	
	15		
	20		
	35		
	42		
	60		