



1) Active surface 2) Clear zone 3) data valid 4) Cable bending radius 5) strip 6) Standard length 7) Tightening torque 8) See remarks

■ parallel



General attributes

Approvals / Conformity
Enclosure Type per IEC 60529

CE
IP67

Electrical attributes

Control output
CT present / not present
Current draw (at 24 V DC)
Data Check Error
Device interface
EN55011
EN61000-4-2/3/4/5/6
Input +24 VDC
Input 0 VDC
Operating voltage Vs
Output Bit 0
Output Bit 1
Output Bit 2
Output Bit 3
Output Bit 4
Output Bit 5
Output Bit 6
Output Bit 7
Output current max.
Output Data valid

PNP, sourcing
9
LED ON / OFF
≤ 300 mA no load
LED slow flashing
parallel
Gr.1,Cl.A
Sev. Level 4A/3A/4A/2A/3A
Conductor coloring WH, 0.5 mm²
Conductor coloring LIGHT BU, 0.5 mm²
19.2...26.4 V DC
BN
RD
OG
YE
GN
BU
VT
GY
50 mA
BK

Shield

Short circuit on output
Voltage drop at 50 mA

COLORLESS
LED fast flashing
≤ 1.5 V

Mechanical attributes

Ambient temperature Ta max.
Ambient temperature Ta min.
Antenna type
Application weight
Cable jacket material
Cable length
Conductor cross-section
Connection
Continuous shock load
Diameter d1
Free fall
Housing material
Installation type (steel)
Length

50 °C
0 °C
Round
330.00 g
PU
10.00 m
9x 0.18 mm²
11 conductors and shield
EN 60068 Part 2-29
M30x1.5
EN 60068 Part 2-32
CuZn nickel plated
Clear zone
95 mm

Additional text

Values are under rated conditions unless otherwise specified.
When installing, the technical standards and regulations of the corresponding countries must be observed.
For mounting use only included nuts.

Appropriate data carriers	BIS C-121-04 flush	BIS C-121-04 BIS C-122-04 non-flush	BIS C-103-05 flush	BIS C-103-05 non-flush	BIS C-130-05 flush	BIS C-130-05 non-flush	BIS C-100-05 flush
Static mode							
Read distance in mm	0-3	1-5	0-4	1-5	0-5	1-8	0-5
Offset in mm	±2	±3	±4	±2.5	±3	±4	±2.5
at distance							
1 mm							
3 mm	±2	±3	±2.5	±2.5	±3	±5	±3
5 mm		±3		±2.5	±3	±5	±3
7 mm						±5	
Dynamic mode*							
Read distance in mm						4-8	
V _{max} to read 1 bytes in m/min						15	

Appropriate data carriers	BIS C-100-05 non-flush	BIS C-128-05 non-flush	BIS C-117/A flush	BIS C-117/L BIS C-108-05 non-flush	BIS C-104-11 flush non-flush	BIS C-108-05 flush
Static mode						
Read distance in mm	1-6	3-12	1-8	1-8	1-8	0-6
Offset in mm	±3		±5	±7	±4	±7
at distance						
1 mm						
3 mm	±3	±7	±5	±7	±4	±7
5 mm	±3	±6	±5	±7	±4	±6
7 mm		±5	±5	±6	±4	
Dynamic mode*						
Read distance in mm	4-6	4-8	6-8	3-8		
V _{max} to read 1 bytes in m/min	9	20	12	20		