



P10300

**Technical Data**

Size	80x80x40
Housing material	PBT
Antenna	round
Weight	410 g
Function	Read/Write Head
Mounting in steel	non-flush
Operating temperature	0...70°C
Storage temperature	-20...85°C
Protection per IEC 60529	IP 67
Connection	Processor
with Connection cable	BIS S-501-PU1-... / BIS S-502-PU1-25
possible cable length	5m, 10m or 25m
Description	Read/Write Head, 80x80x40

appropriate data carriers

	BIS M-101	BIS M-102	BIS M-120
Data carrier distance to metal in mm	> 50 > 25 > 10	> 50 > 25 > 10	> 80 > 80
Data carrier clear zone in mm	> 200 > 150 > 150	> 200 > 150 > 150	> 250 > 250
Write distance in mm	0-35 0-30 0-20	0-50 0-43 0-35	0-50 0-50
Read distance in mm	0-35 0-30 0-20	0-50 0-43 0-35	0-50 0-50
Offset in mm	±13 ±11 ±8	±16 ±125 ±10	±20 ±15
at distance			
0 mm	±13 ±11 ±8	±16 ±125 ±10	±20 ±15
5 mm	±13 ±11 ±8	±16 ±125 ±10	±20 ±15
9 mm	±13 ±11 ±8	±16 ±125 ±10	±20 ±15
12 mm	±13 ±11 ±7	±16 ±125 ±10	±20 ±15
15 mm	±13 ±11 ±7	±16 ±125 ±10	±20 ±15
16 mm	±13 ±10 ±6	±16 ±125 ±10	±20 ±15
18 mm	±13 ±10 ±4	±16 ±125 ±10	±20 ±15
20 mm	±13 ±10 ±2	±16 ±125 ±10	±20 ±15
22 mm	±11 ±9	±16 ±125 ±6	±20 ±15
25 mm	±10 ±9	±16 ±125 ±6	±20 ±15
30 mm	±10 ±2	±16 ±11 ±6	±20 ±14
32 mm	±4	±15 ±9 ±5	±18 ±12
35 mm	±2	±15 ±6 ±2	±17 ±11
40 mm		±12 ±5	±14 ±9
43 mm		±10 ±2	±12 ±7
45 mm		±8	±10 ±6
50 mm		±2	±2 ±2