



P10293a

Technical Data

Size	M30
Housing material	CuZn nickel plated
Antenna	round
Weight	100 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, round, M30

appropriate data carriers

	BIS M-101	BIS M-102	BIS M-105
Data carrier distance to metal in mm	>25 >10 >5	>50 >15 >10	>20 >5
Data carrier clear zone in mm	>100 >60 >50	>150 >90 >70	>100 >100
Write distance in mm	0-22 0-20 0-15	0-32 0-22 0-12	0-9 0-9
Read distance in mm	0-22 0-20 0-15	0-32 0-22 0-12	0-9 0-9
Offset in mm at distance	0 mm ±7,5 ±6 ±4	±10 ±7,5 ±3	±7 ±6
	5 mm ±7,5 ±6 ±4	±10 ±7,5 ±3	±7 ±6
	9 mm ±7,5 ±5 ±3	±10 ±7,5 ±2,5	±2 ±1
	12 mm ±7,5 ±4 ±2	±10 ±7,5 ±2	
	15 mm ±7,5 ±4 ±2	±10 ±6	
	16 mm ±6 ±3	±10 ±5	
	18 mm ±6 ±3	±10 ±4	
	20 mm ±6 ±2	±10 ±3	
	22 mm ±2	±9 ±2	
	25 mm	±7	
	30 mm	±5	
	32 mm	±2	