



**Technical Data**

Size	M18
Housing material	CUZN / AL
Antenna	round
Weight	210 g
Function	Read/Write Head
Mounting in steel	non-flush
Operating temperature	0...70°C (minus temperatures on request)
Storage temperature	-20...85°C
Protection per IEC 60529	IP 67
Connection	Processor
with Connection cable	BIS L-500-PU-... / BIS L-501-PU1-25 / BIS L-502-PU1-25
possible cable length	5m, 10m or 25m
Description	read/write head, round, M18

appropriate data carriers

	BIS L-100			BIS L-101			BIS L-102			BIS L-200			BIS L-201			BIS L-202			BIS L-203		
	metal free	on steel	flush in steel	metal free	on steel	flush in steel	metal free	on steel	flush in steel	metal free	on steel	flush in steel	metal free	on steel	flush in steel	metal free	on steel	flush in steel	metal free	on steel	flush in steel
Write distance in mm	0-20	8-15	8-15	0-25	10-20	10-20	0-30	10-25	10-20	0-25	8-15	8-15	0-30	10-20	10-20	0-40	10-25	10-20	0-15	4-10	3-8
Read distance in mm	0-20	8-15	8-15	0-25	10-20	10-20	0-30	10-25	10-20	0-25	8-15	8-15	0-30	10-20	10-20	0-40	10-25	10-20	0-15	4-10	3-8
Offset in mm	0 mm	±10		±12			±15			±13			±15			±20			±8		
at distance	3 mm	±10		±12			±15			±13			±15			±20			±8	±7	±5
	8 mm	±10	±6	±6	±12		±15			±13	±8	±6	±15			±20			±8	±6	±3
	10 mm	±10	±5	±5	±12	±10	±8	±15	±15	±10	±13	±8	±6	±15	±10	±10	±20	±15	±8	±8	±5
	15 mm	±10	±0	±0	±12	±5	±5	±15	±15	±5	±13	±0	±0	±15	±10	±8	±20	±15	±6	±6	
	20 mm	±10			±12	±0	±0	±15	±10	±0	±13			±15	±0	±0	±20	±10	±0		
	25 mm				±12			±15	±0		±13			±15			±20	±0	±13		
	30 mm						±15							±15			±20				
	35 mm																±20				
	40 mm																±20				
	45 mm																				
	50 mm																				
	55 mm																				
	60 mm																				
	70 mm																				
	100 mm																				