



Read/write head

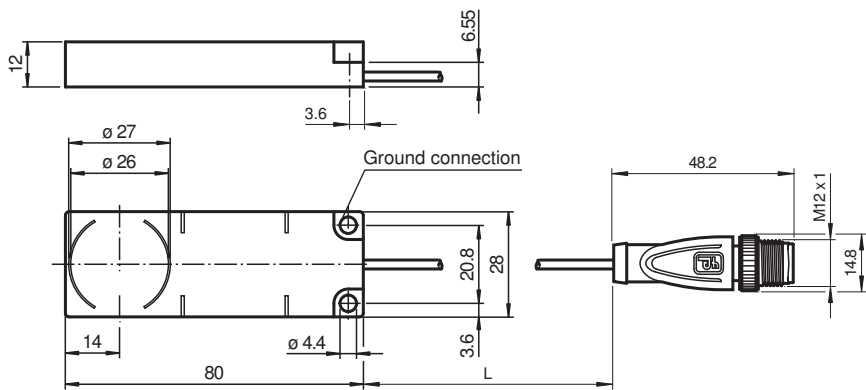
IPH-F61-V1-Y262702

- Particularly flat construction
- Connection cable with V1 plug (M12 x 1)
- Degree of protection IP67
- Can be mounted on metal

LF read/write head for IDENTControl



Dimensions



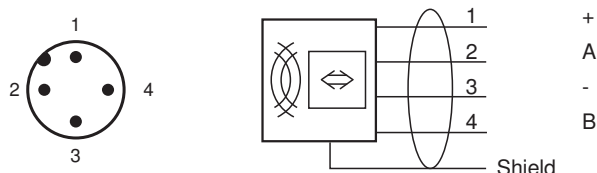
Technical Data

General specifications			
Operating frequency		125 kHz	
Transfer rate		2 kBit/s	
Sensing range			
Read distance		2 ... 45 mm	
Write distance		2 ... 35 mm	
Width		max. 65 mm	
UL File Number		E87056	
Functional safety related parameters			
MTTF _d		700 a	
Mission Time (T _M)		10 a	
Diagnostic Coverage (DC)		0 %	
Electrical specifications			
Power consumption	P ₀	≤ 1.2 W	
Supply		from the IDENTControl	
Directive conformity			

Technical Data

Radio equipment	
Directive 2014/53/EU	EN 301489-1 EN 301489-3 EN 300330 EN 62368-1 EN 50364
RoHS	
Directive 2011/65/EU (RoHS)	EN 50581
Standard conformity	
Degree of protection	EN 60529
RFID	ISO/IEC 18000-2
Ambient conditions	
Ambient temperature	-25 ... 70 °C (-13 ... 158 °F)
Storage temperature	-40 ... 85 °C (-40 ... 185 °F)
Mechanical specifications	
Degree of protection	IP67
Connection	connector M12 x 1
Material	
Housing	ABS
Encapsulation compound	CY 221/HY 2966
Installation	
Distance between two heads	Multiplex on: ≥ 50 mm Multiplex off: ≥ 290 mm
Mass	approx. 50 g
Cable length	50 cm

Connection



Accessories

	IC-KP-B6-V15B	Control interface unit IDENTControl with PROFIBUS DP interface
	IC-KP-B17-AIDA1	IDENTControl control interface with Ethernet interface for TCP/IP, PROFINET, EtherNet/IP, and MODBUS TCP protocols
	IC-KP2-2HRX-2V1	Control interface unit IDENTControl Compact with serial interface RS-232 and RS-485
	IC-KP2-2HB6-V15B	Control interface unit IDENTControl Compact with interface for PROFIBUS DP
	IC-KP2-2HB17-2V1D	IDENTControl Compact control interface with Ethernet interface for TCP/IP, PROFINET, EtherNet/IP, and MODBUS TCP protocols
	IC-KP2-2HB21-2V1D	Control interface unit IDENTControl Compact with EtherCAT interface

Release date: 2020-04-24 Date of issue: 2020-04-24 Filename: 262702_eng.pdf

Accessories

	IPC02-12 50pcs	Code carrier
	IPC02-26-T6 10pcs	Code carrier
	IPC02-50P	Code carrier
	IPC03-12.4 10pcs	Data carrier
	IPC03-C1 10pcs	Data carrier
	IPC03-30P	Data carrier
	IPC03-50P	Data carrier
	IPC03-58	Data carrier
	V1-G-2M-PUR-ABG-V1-W	Connecting cable, M12 to M12, PUR cable 4-pin, shielded
	V1-G-5M-PUR-ABG-V1-W	Connecting cable, M12 to M12, PUR cable 4-pin, shielded
	V1-G-10M-PUR-ABG-V1-W	Connecting cable, M12 to M12, PUR cable 4-pin, shielded