

Read/Write Heads—Frequency Range LF



Standard Technical Data	
Frequency	LF (125 kHz)
Ambient temperature (min)	-25 °C
UL	■

For detailed data and description, see the datasheet. Further products can be found online at www.pepperl-fuchs.com.

Model number	Max. read distance	Connection type	Degree of protection	Ambient temperature (max)	Length L	Width W	Height H	Diameter D	CSA	EAC	UL
IPH-18GM-V1	50	M12 connector plug	IP67	70	66			18	■		■
IPH-30GM-V1	65	M12 connector plug	IP67	70	66			30	■		■
IPH-F15-V1	155	M12 connector plug	IP67	70	190	140	40.5		■		■
IPH-F61-V1	45	M12 connector plug	IP67	70	80	28	12		■		■
IPH-F90A-V1	90	M12 connector plug	IP67	55	144.5	43.5	21				■
IPH-F97-V1	70	M12 connector plug	IP67	55	540	50	34				■
IPH-FP-V1	100	M12 connector plug	IP67	70	113	80	40		■		■
IPH-FP7V4A	100	Terminals	IP69K	70	103	80	40				■
IPH-L2-V1	75	M12 connector plug	IP67	70	55.5	40	40		■	■	■

Highlights

- Wide variety of housing designs (cubic/cylindrical) for optimal integration
- Smaller designs with minimal space requirements
- Extra-compact versions for flush mounting on metal
- Special designs, optimized for integration into roller conveyor systems
- For demanding applications (e.g., in the food industry)

Brief Description

For applications with an operating distance of 0 millimeters to 100 millimeters, read/write heads in the low frequency range (125 kHz) are the perfect solution. Pepperl+Fuchs offers a complete portfolio of devices for such applications. These devices boast an impressively high level of reliability, even when used in metallic environments. The wide variety of cylindrical or cubic designs are available in various sizes and housing designs and are guaranteed to bring the highest degree of flexibility to any application. In addition, Pepperl+Fuchs offers a number of special designs that have been optimized to meet requirements specific to each industry. The portfolio includes solutions such as the LF systems in cylindrical designs with an M18/30 thread, specially designed to be flush mounted on metal.

Accessories	
IC-KP-B17-AIDA1	IDENTControl control interface with Ethernet interface for TCP/IP, PROFINET, Ethernet/IP, and MODBUS TCP protocols
IC-KP-B6-V15B	IDENTControl control interface with PROFIBUS-DP interface
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	IDENTControl Compact control interface with EtherCAT interface
IC-KP2-2HB6-V15B	IDENTControl Compact control interface with interface for PROFIBUS DP
IC-KP2-2HRX-2V1	IDENTControl Compact control interface with RS-232 and RS-485 serial interface
IPC02-12 50pcs	Read-only tag