

Technical Data

*Detailed data, read/write distances and product description refer to data sheet on **www.pepperl-fuchs.com***

General Data	
Operating frequency	125 kHz
Transfer rate	2 kBit/s
Memory	
Chip type	EM4450 Titan (EM Microelectronic)
Type/Size	EEPROM 928 Bit ROM 32 Bit
Read cycles	unlimited
Write cycles	> 100 000

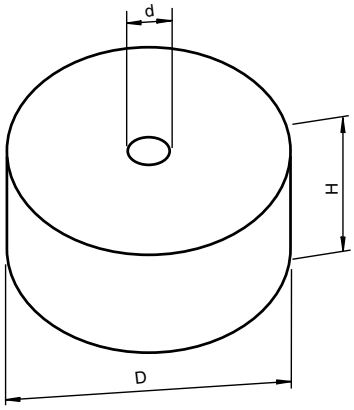
		IPC03-12.4	IPC03-16GK	IPC03-20P	IPC03-24	IPC03-30P	IPC03-30GK	IPC03-50P	IPC03-58
Ambient temperature	-20 ... 100 °C (-4 ... 212 °F)					●			
	-20 ... 85 °C (-4 ... 185 °F)			●					
	-25 ... 70 °C (-13 ... 158 °F)	●	●		●		●	●	
	-25 ... 85 °C (-13 ... 185 °F)								●
Protection degree	IP67	●	●		●		●		●
	IP68					●		●	
	IP68 / IP69K			●					
Material									
Housing	PBT	●	●		●				
	PC (Polycarbonate)			●		●		●	
	PP						●		
	PA 6 (Polyamid)								●

Properties

- Diameter 12.4 - 58mm
  Height 3 - 20.1 mm
- LF System
- Programmable tags

Your Benefit

- Battery-free for an unlimited lifetime
- Chemically resilient encapsulation housing for harsh environments
- Flush mounting in metal for increased mechanical protection (for some versions)



Dimensions								
Height H [mm]	6		3	11	3	20	5	20.1
Diameter D [mm]	12.3	16	20	24	30		50	58
Middle hole d [mm]	-				3	-	5	6:5

Accessories

This and more accessories can be found in chapter 10

See pages from 974 ... for cordsets See pages 1074 ... for mounting aids

IVZ-16G-EW	Screw-in tool
IVZ-30G-EW	Screw-in tool
IPZ-MH50	Spacer

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