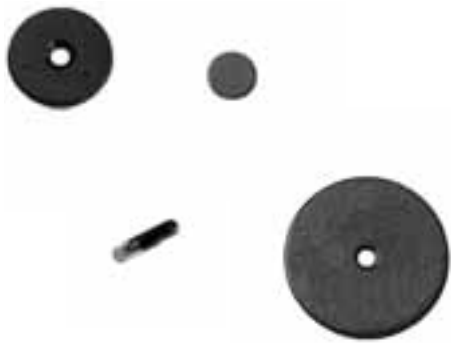


## Properties

- Diameter 12.4 - 50mm
  Height 2.2 - 3 mm
- LF System
- Read only tags

## Your Benefit

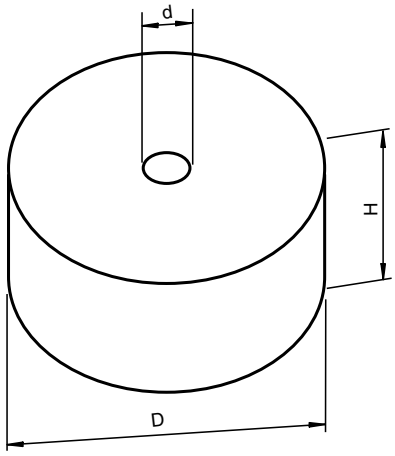
- Battery-free construction results in unlimited lifetime
- Chemically resilient encapsulation housing for harsh environments
- Extended temperature range for paint and curing applications

## 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 | EM4102 Unique (EM Microelectronic) |
| Type/Size | ROM 64 Bit (40 Bit code, 24 bit data security) |
| Read cycles | unlimited |

| Model Number | | IPC02-12 | IPC02-16 | IPC02-20P | IPC02-26-T6 | IPC02-30P | IPC02-50P | IPC02-3GL |
|---|---|---|---|---|---|---|---|---|
| Ambient temperature | -20 ... 100 °C (-4 ... 212 °F) | | | | | ● | | |
| | -20 ... 85 °C (-4 ... 185 °F) | | | ● | | | ● | |
| | -25 ... 85 °C (-13 ... 185 °F) | ● | ● | | | | | |
| | -25 ... 85 °C (-13 ... 185 °F) 20 ... 160 °C (68 ... 320 °F) for 100 x 5 minutes with transposition every 30 seconds | | | | ● | | | |
| | -40 ... 85 °C (-40 ... 185 °F) | | | | | | | ● |
| Protection degree | IP68 | ● | ● | | | ● | ● | ● |
| | IP68 / IP69K | | | ● | | | | |
| | IP68 (24 hours in water 1 m deep) | | | | ● | | | |
| Material | | | | | | | | |
| Housing | Epoxy (black) | ● | ● | | | | | |
| | PC (Polycarbonate) | | | ● | | ● | ● | |
| | PA | | | | ● | | | |
| | glass | | | | | | | ● |




| Dimensions | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Height H [mm] | 2.2 | 3 | | 4 | 3 | | | 13 |
| Diameter D [mm] | 12.4 | 16 | 20 | 26 | 30 | 50 | 3.15 | |
| Middle hole d [mm] | - | | | 4.5 | 3 | 5 | - | |

## Accessories

This and more accessories can be found in chapter 10
See pages from 974 ... for cordsets
See pages 1074 ... for mounting aids

| | |
|---|---|
| **IPZ-MH50** | Spacer |



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