# MC55 IO-Link + Acoustic




| | |
|---|---|
| **Part No.:** | **240.510.01** |
| **Series:** | **MC55** |

| MECHANICAL DATA | |
|---|---|
| Height | 71 mm |
| Diameter | 55 mm |
| Materials | PC |
| Dome colour | Translucent |
| Housing colour | Black |
| Protection category | IP65<br>IP69K |
| Connection | M12 plug 4-pole |
| Type of fixing | Built-in mounting |
| Working temperature minimum | -20°C |
| Working temperature maximum | +50°C |
| Weight with packaging | 92 g |
| Product weight | 66 g |
| IK-Code (IEC 62262) | IK06 |

| ELECTRICAL DATA | |
|---|---|
| Operating voltage | 18-30V |
| Operating voltage type | DC |
| Operating voltage tolerance | +/- 0% |
| Rated operational voltage | 24 VDC |
| Rated operational current | 55 mA |
| Rated inrush current | 350 mA |
| Protection class | Protection class 3 |
| Pollution degree | 3<br>In the connection area: 2 |
| Overvoltage category | I |
| insulation voltage | Ui = 50V / Uimp = 330V |
| connectivity | IO-Link |

| OPTICAL DATA | |
|---|---|
| Light source | LED |
| Light colour | MC >1.000.000 colours |
| Optical signal image | multi function |
| Flash frequency | Configurable |
| Service life optical | 50,000 h maximum |

| ACOUSTIC DATA | |
|---|---|
| Volume (max) at 1m distance | 85 dB(A) |
| Acoustic signal image | Multi-tone |
| Number of tones | 10 tone |

! For additional installation and mounting information, refer to the appropriate user guide at www.werma.com. This printed copy is for information only and is subject to alteration.

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| | |
|---|---|
| Volume adjustable | Software controlled |
| Acoustic service life | 5,000 h maximum |

| **APPROVAL DATA** | |
|---|---|
| Conforms with CE | Yes |
| Conforms with RoHS directive | Yes |
| WEEE | Yes |
| Conforms with RED directive | No |
| Conforms with ATEX-directive | No |
| Conforms with CCC-Ex | No |
| Conforms with CCC | No |
| Conforms with UL | cULus |
| UL Type Rating | Type 4X |
| Conforms with FCC | No |
| Conforms with ISED | No |
| EAC certificate available | No |
| Conforms with UKCA (Importer) | Yes (WERMA (UK) Ltd.) |
| Conforms with CMIM | No |
| Conforms with AS-I | No |
| ICAO Certification | No |
| Conforms with DNV | No |
| Conforms with RoHS CN | 10 years |
| Conforms with VdS | No |
| MTTFd-value [years] | 514 |

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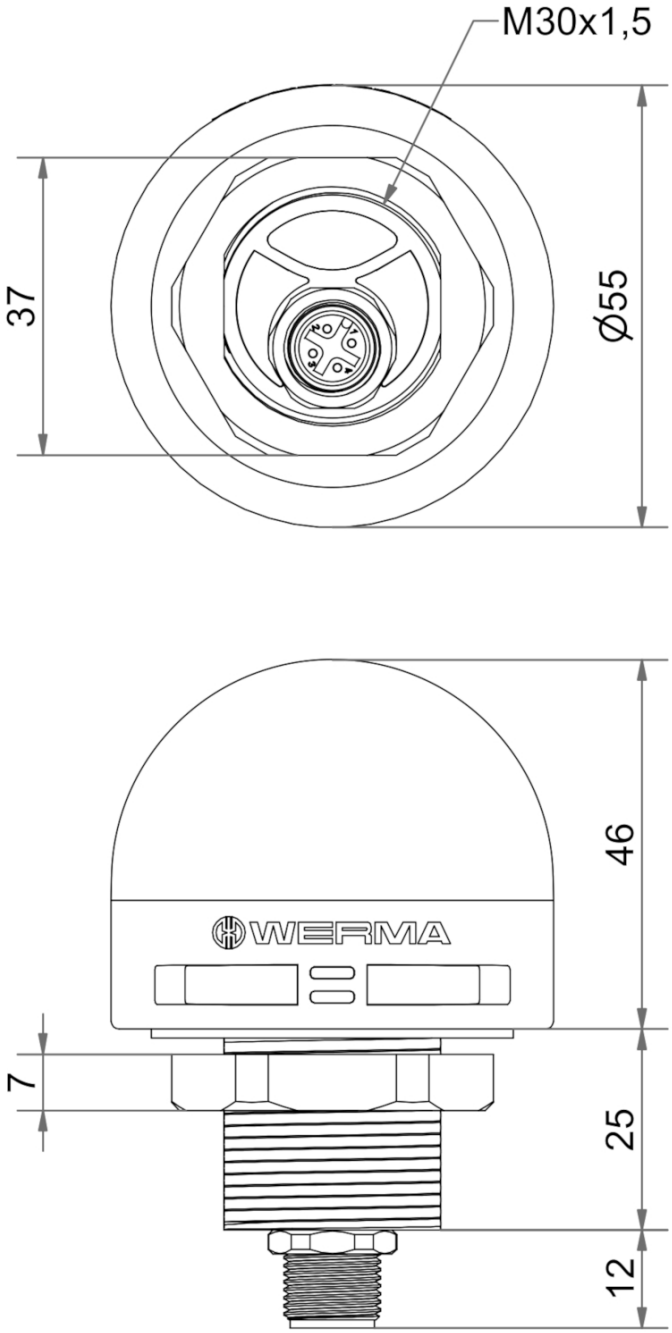
**DRAWING**

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