



SD05

Integrated Signal Indicator

Signal meter-SD05

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※eyc-tech SD05 fit for other kinds of transmitter

| Features |

- SD05: 330° turnable, the direction of panel is changeable, good monitoring angle without blind corner
- Display : On-site display / 4 ... 20 mA / 0 ... 10 V
- Programmable, display value can be set according to sensor's spec
- Integrated display connected with 2-wire or 3-wire transmitter suitable for the on-site application
- The power is from 2-wire signal loop, 3-wire no extra power supply is required, easy to install
- Programmable by pressing 2 buttons, easy to operate
- High performance, good stability and functionality
- Input signal: 4 ... 20 mA (2-wire) / 0 ... 10 V (3-wire)

| Applications |

With extensive applications as process monitoring in semiconductor industry / Steel industry / Chemical industry / Environmental engineering / Food processing / Pharmaceutical industry / Water plants / Power plants / Research and development

| Specification |

Input

| | |
|-------------------|--|
| Input signal | 4 ... 20 mA (2-wire) / 0 ... 10 V (3-wire) |
| | Eg : Pressure / Differential pressure / Temp. / Flow / PH value / Load cell, etc |
| Parameter setting | Programmable by pressing the button |

Environment

| | |
|------------------|------------------------------|
| Operating Temp. | 20°C ... 60°C |
| Operating Humid. | 0 ... 95%RH (Non-condensing) |

Output

| | |
|------------------|---------------------------------------|
| Display method | 4-Digit LED (Height of word : 9.2 mm) |
| Display range | -1999 ... +9999 |
| Scale | Decimal point, programmable |
| Accuracy | ±0.2%F.S. |
| Overload current | 40 mA (2-wire) |

Protection

| | |
|---------------------|--------------------|
| IP Rating | IP 65 |
| Electric protection | ■ Reverse polarity |

Certification

| | |
|---------------|----|
| Certification | CE |
|---------------|----|

Material

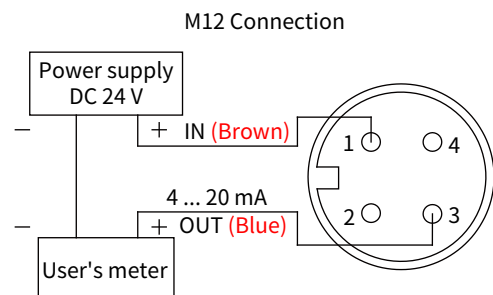
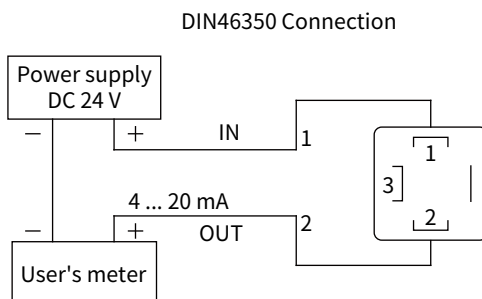
| | |
|----------------|----------------------------|
| Housing (Body) | ABS(UL94V-0) + PC(UL94V-2) |
| Weight | H : 125 g / M : 127 g |

Electrical

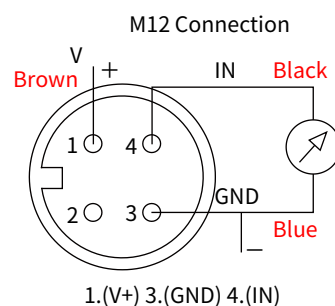
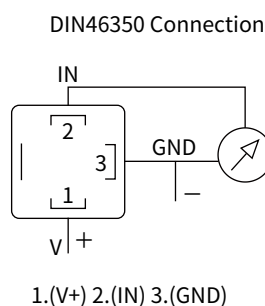
| | |
|----------------------|-------------------------------|
| Power supply | AC : 24 V ± 10% (2-wire) |
| | DC : 12 ... 33 V (3-wire) |
| Electrical connector | DIN 43650 : 330° / M12 : 210° |

| Diagram |

■ 2-Wire (4 ... 20 mA)

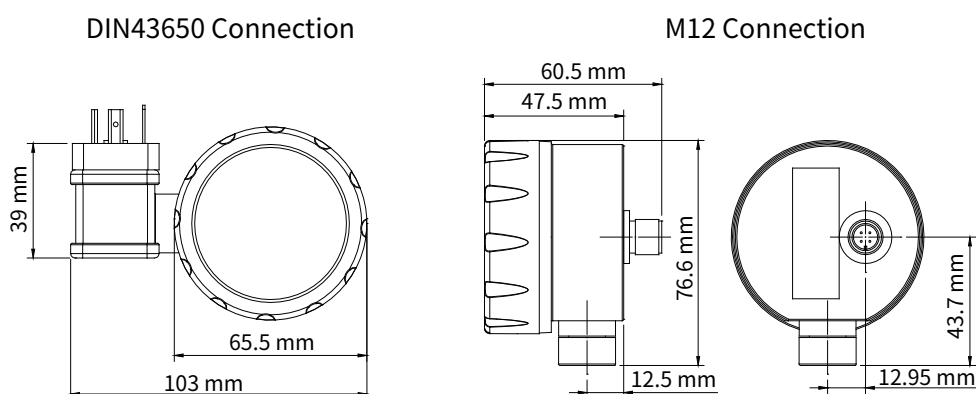


■ 3-Wire (0 ... 10 V)



| Dimension |

Unit : mm



| Ordering Guide |

| | Installation | | Display | | Input signal | | Power supply | | Connector |
|----|----------------------|---|---------|--|---|--|--|---|--------------------------|
| SD | 05 | — | 1 | | 1 | | 0 | — | H |
| | 05 : Integrated-type | | 1 : LED | | 1 : 4 ... 20 mA (2-wire) 3 : 0 ... 10 V (3-wire) | | 0 : 2-wire loop power 3 : 3-wire DC 12 ... 33 V | | H : DIN 43650 M : M12 |