

D-MP, Actuator Position Sensor D-MP025A

Datasheet

General series information

- Measuring range: 25mm, 50mm, 100mm and 200mm.
- Applicable Cylinder: MB, CQ2, MGP, CXSJ, CP96, C96 and C55.
- Compatible IO-Link.
- Analogue output: Voltage output (0 to 10 [V]), Current output (4 to 20 [mA]).
- Analogue output can be reversed.
- Setting is available by simply touching the touch pad.
- Lead wire connection: Separate line, M8-4pin and M12-4 pin.

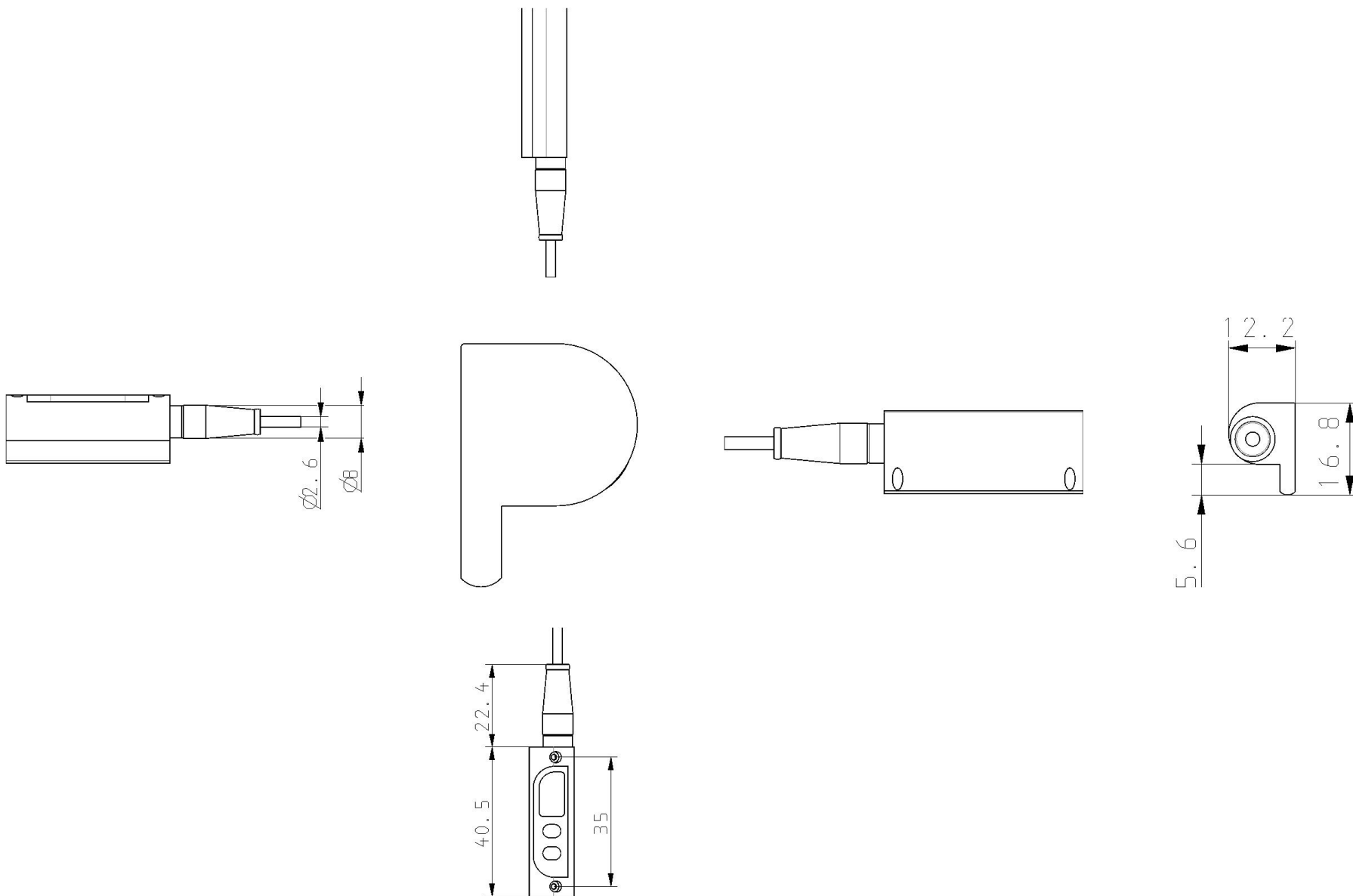
Standard specifications

| | |
|---------------------------------|---|
| Measuring Range | 025 (25mm) |
| Lead Wire | A (Separate Line, 2.0 m) |
| Maximum ambient temperature | 60 °C |
| Minimum ambient temperature | -10 °C |
| General power supply | 10 to 30 VDC |
| Protection class with connector | IP67 |
| Internal voltage drop | 2 V or less |
| Repeatability | 0.1 mm (Ambient temperature: 25 °C) |
| Linearity | ± 0.3 mm (Ambient temperature: 25 °C) |
| Current consumption | 48 mA or less (when no load is applied) |
| Power supply voltage | 15 to 30 VDC |
| Resolution | 0.05 mm |
| Switch output | NPN or PNP |
| Maximum load current | 40 mA |
| Analog current output | 4 to 20 mA |
| Analog voltage output | 0 to 10 V |

Weight

0.029 Kg

Dimensions



Additional information

| | |
|---------------------------|---|
| Catalogue | D-MP_-B_EU.pdf |
| Declaration of conformity | newDoC_D-MPxS_TF1Y231EN.pdf newDoC_D-MPxS_TF1X160EN.pdf newDoC_D-MPxS_TF1V390EN.pdf |
| Installation manuals | IM_D-MP_SMX03EN.pdf |
| Operation manuals | OM_D-MP_OMU0002EN-B.pdf |