



## D-MP, Actuator Position Sensor D-MP050A

### 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

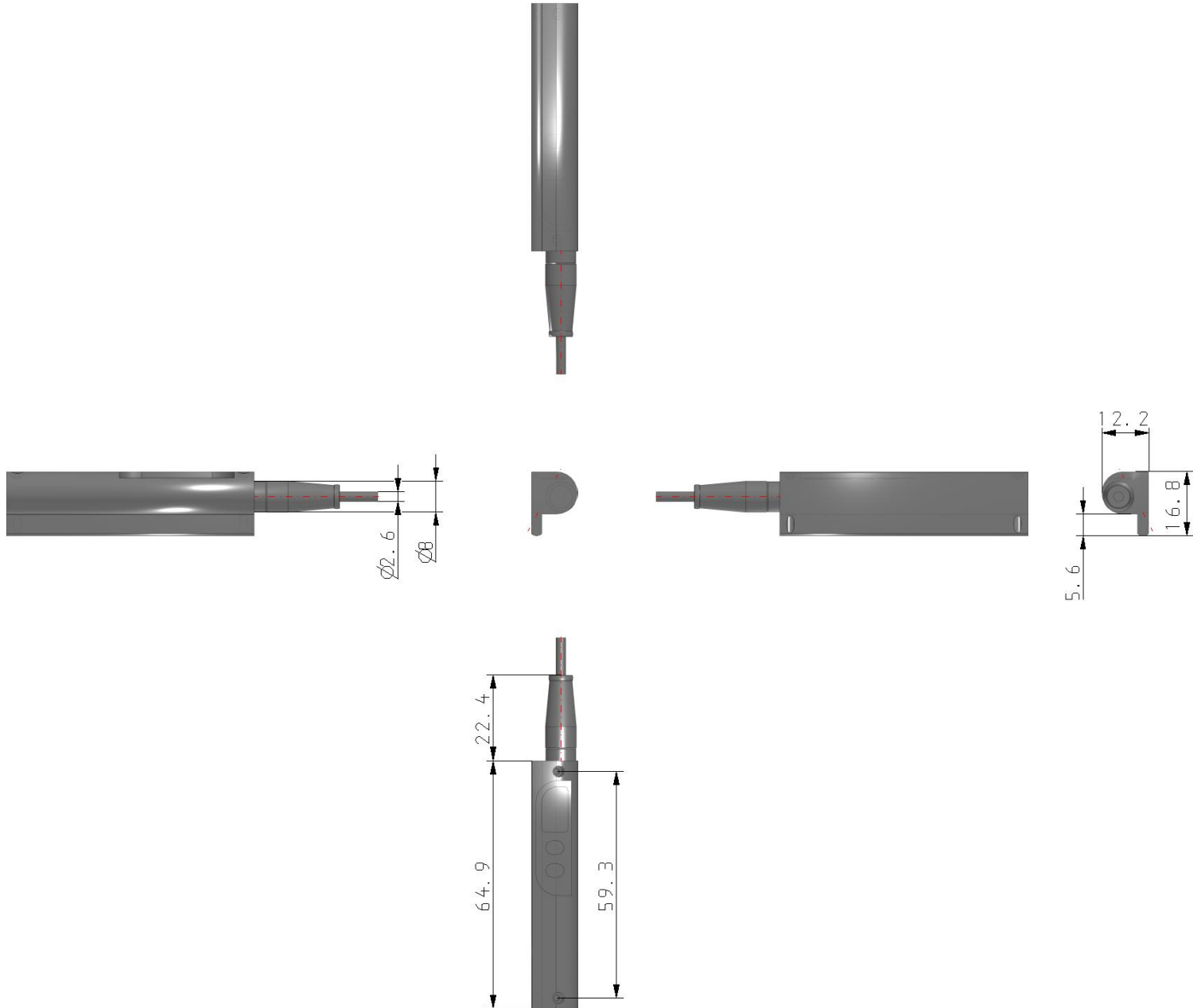
Measuring Range	050 (50mm)
Lead Wire	A (Separate Line, 2.0 m)
Maximum ambient temperature	60 °C
Minimum ambient temperature	-10 °C
General power supply	10 to 30 VDC
Protection class with connector	IP67
Internal voltage drop	2 V or less
Repeatability	0.1 mm (Ambient temperature: 25 C)
Linearity	0.3 mm (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

0.031 Kg

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# Dimensions



## Additional information

Catalogue	<a href="#">D-MP_-B_EU.pdf</a>
Declaration of conformity	<a href="#">newDoC_D-MPxS_TF1Y231EN.pdf</a> <a href="#">newDoC_D-MPxS_TF1X160EN.pdf</a> <a href="#">newDoC_D-MPxS_TF1V390EN.pdf</a>
Installation manuals	<a href="#">IM_D-MP_SMX03EN.pdf</a>
Operation manuals	<a href="#">OM_D-MPx_OMU0002EN-A.pdf</a>