

Datasheet

- Measuring System at small size with integrated position sensor
- easy installation with two screws at each side
- quick and easy replacement battery
- protected against polarity reversal



Technical Data

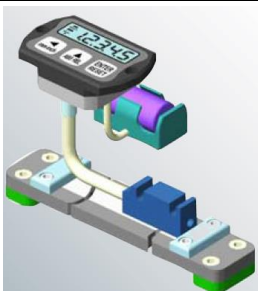
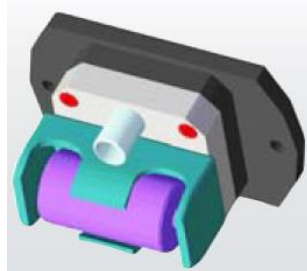
Display	LCD, 5-digits
Digit High	7,5 mm
Display Range	-99999; 99999
Sensor	
Housing	Aluminium black anodized
Cable	supplied pre-wired and not detachable from the display Cable Length: 0,5 - 1 - 3 - 5 m
Resolution	0,1; 0,01
Accuracy	± 0,1 mm
Speed	< 2,5 m/s
Available Functions	Setting of counting direction; measurement units (mm, inches, degrees); decimal point; multiplication facto; absolute/relative; reset/preset mode
Keyboard	3 programming and functions buttons
Measuring Body	MRI: Magnetic Ring PM5: Magnetic Sensor
Distance: Sensor/Scale	< 1 mm
Operating Temperature	0-50°C
Relative Humidity	35-85%
Electromagnetic compatibility	2004/108/EC
IP-Rating	Display IP54, Sensor IP67

*Further information on the corresponding data sheets

Electrical Data

Voltage	½ AA 3,6 V battery (Lithium-thionyl chloride)
Battery Life	4 years

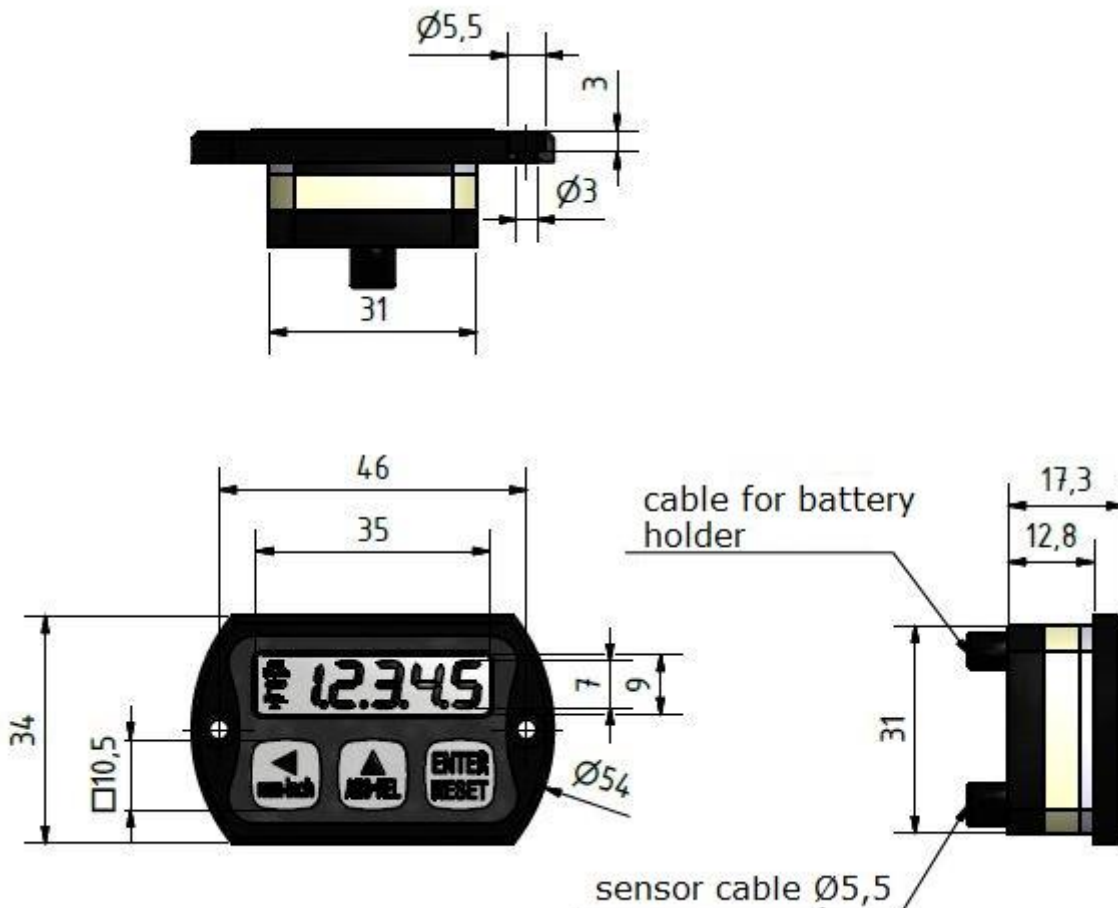
Variations

F7P at component housing with sensor MT	F7P with bracket HW	F7P at component housing with direct battery box
		

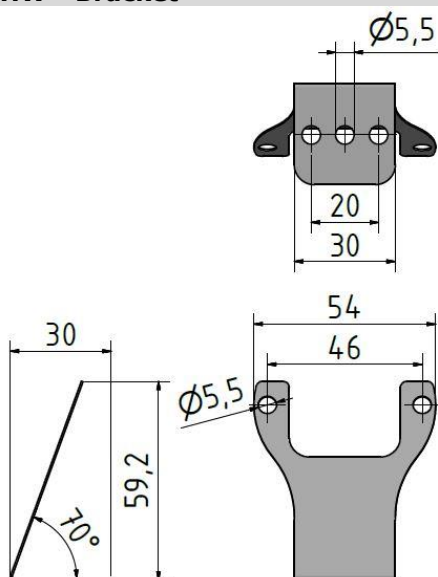
Datasheet

Dimension

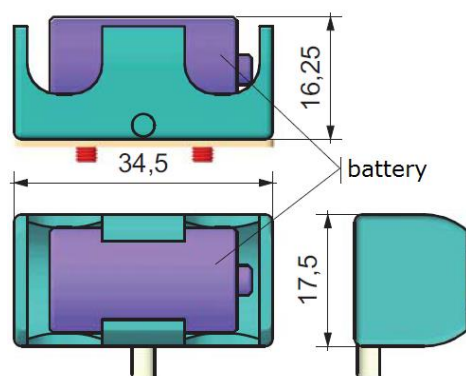
X - Component Housing



HW - Bracket



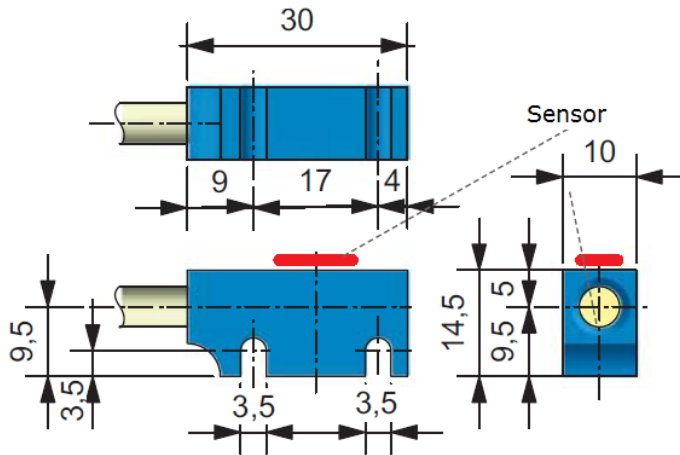
Battery Holder



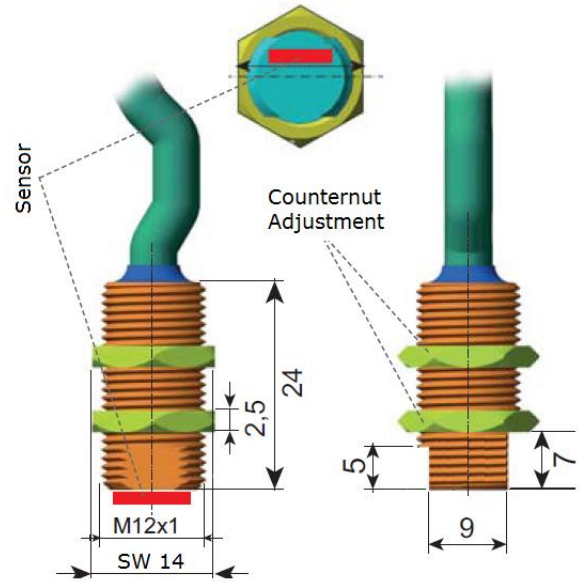
Datasheet

Sensor

MT - Sensor



SM12 - Sensor



Ordering Example

Type **F7P** - **1.0** - **MT** - **HW**

Cable Length

0.5 = 0,5 m
1.0 = 1,0 m
 3.0 = 3,0 m
 5.0 = 5,0 m

Sensor

MT = Magnet Sensor
SM12 = Magnetic Sensor

Mounting Position

HW = Bracket
X = Component Housing



Tipp, Note

Magnetic tape (PM5) and magnetic ring (MRI) ordered separately via the appropriate code on the data sheets