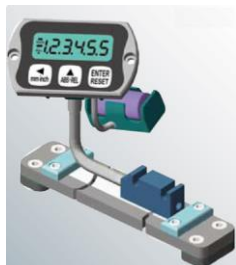


Datasheet

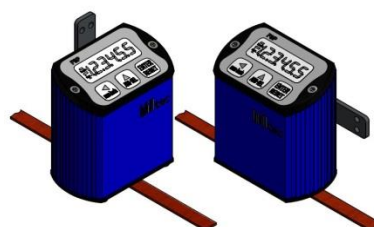
F8P at component housing with sensor



F8P at surface mount housing TL



F8P at surface mount housing TL-IF and TL-IL



- Measuring System at small size with integrated position sensor
- easy installation
- quick and easy replacement battery, protected against polarity reversal
- optional with TowerLine Housing; Aluminium
- Battery Life: 4years

Technical Data

Display	LCD; 6-digits
Digit High	10 mm
Display Range	-99999; 99999
Sensor	
Housing	Aluminium black anodized
Cable	Lg. 0,5 - 1 - 3 - 5 m (supplied pre-wired and not detachable from the display)
Mounting Frame	Aluminium; blue powder-coated
Resolution	0,1 (Standard); 0,01 freely programmable
Accuracy	± 0,01
Speed	< 2,5 m/s
Available/ Activatable Tracer Functions	Setting of counting direction; measurement units (mm, inches, degrees); decimal point and multiplication facto; absolute/relative; reset/ preset mode
Keyboard	3 programming and functions buttons
Accessories*	
Measuring body	MRI: Magnetic Ring PM5: Magnetic Scale
Rail	SB: Rail (other version see data sheet)
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

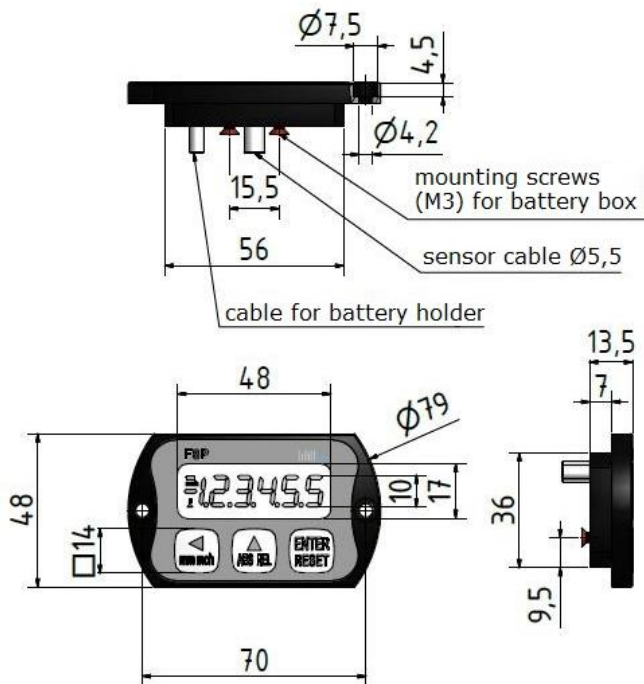
Electrical Data

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

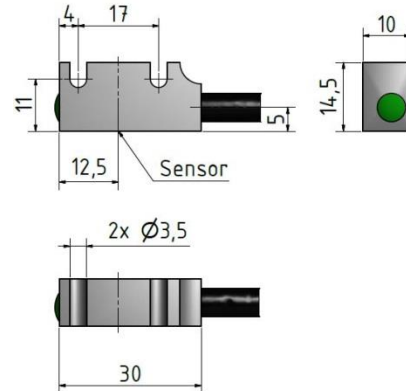
Datasheet

Dimension

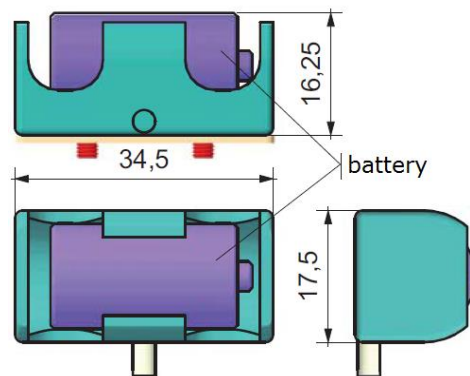
X - Component Housing



MT - Sensor



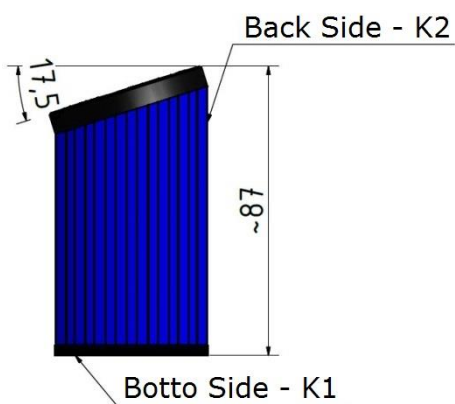
Battery holder



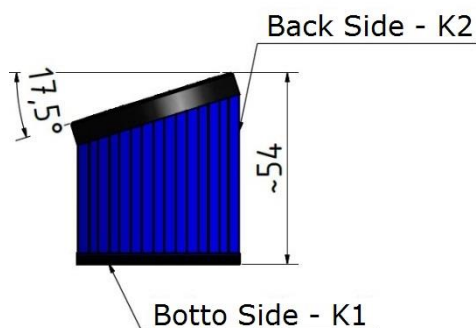
incl. the built-in version, the battery tray can directly or mounted externally of the display.

Surface Mount Housing - Sensor extern

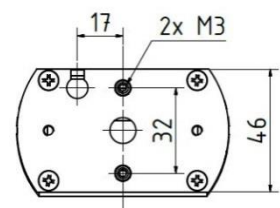
TL



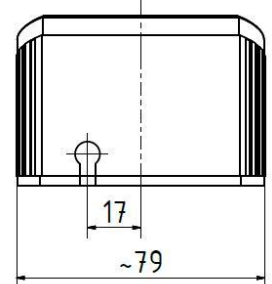
TL/S



Bottom Side - K1

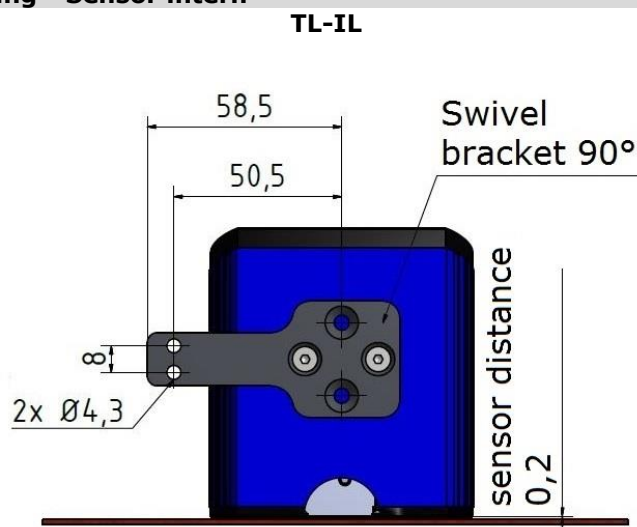
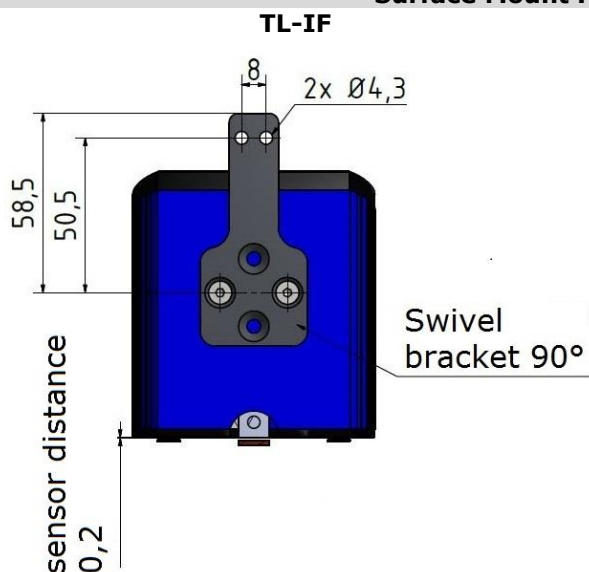


Back Side - K2



Datasheet

Surface Mount Housing - Sensor intern



Accessories

Angle Holder 17339



incl. every standard ordering

Angle Holder 17337



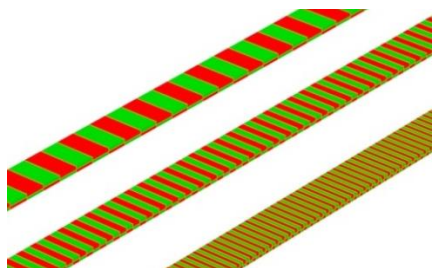
on request

Angle Holder 17338



on request

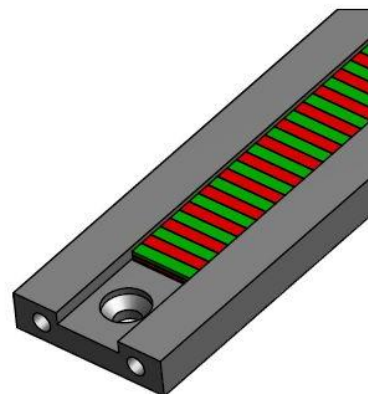
Magnetic Tape (PM5)



Magnetic Ring (MRI)



Rail (SB)



Datasheet

Ordering Example

Type **F8P** - **0,3** - **MT** -

Cable Length

0.3 = 0,3 m
0.5 = 0,5 m
1.0 = 1,0 m
3.0 = 3,0 m
5.0 = 5,0 m

Sensor

MT = Magnet Sensor

Mounting Position

X = Component Housing
TL-K1 = TowerLine; Surface Mount Housing - Cable Exit bottom side
TL-K2 = TowerLine; Surface Mount Housing - Cable Exit Back side
TL/S-K1 = TowerLine/ Short; Surface Mount Housing - Cable Exit bottom side
TL/S-K2 = TowerLine/ Short; Surface Mount Housing - Cable Exit Back side
TL-IF = TowerLine; Surface Mount Housing - integrated Sensor, frontal
TL-IL = TowerLine; Surface Mount Housing - integrated Sensor, longitudinal

Type **PM5** - **36** - **1** - **0** - **DB50**

Pole Pitch [mm]

5

Accuracy

36 = 36 µm
18 = 18 µm

Measuring Length

The length ordered should be on each side 40 mm longer than the desired measuring length
Length in meters for PM5

Reference Point [mm]

0 = without

Cover Tape

DB50 = with Cover Tape
0 = without



Tipp, Note

Magnetic ring (MRI) and rail (SB) ordered separately via the appropriate code on the data sheets