

Multifunction display

F7

Displays position or distance

- Used to display either linear or angular displacement, the F7 is a position indicator which is available with either an internal or external sensor and is used with the P25 magnetic band or the AM magnetic ring.
- The measurement direction, position of the decimal point, unit of measure (inches or mm), absolute/relative measurement can be all be selected using a keypad. There is also a reset/preset feature.
- A corrective coefficient of between 0.0001 and 99999 can also be applied to the displayed value.
- The electronics are housed in a robust enclosure made from self extinguishing plastic.
- Two versions are available:
 - F7-E which has an external sensor connected by a fixed cable
 - F7-I which has an integrated sensor
- The indicator can either be mounted using the 2 threaded holes on the back of the enclosure or the optional SM support bracket, SF mounting flange bracket or SN swivel support.
- The indicator is powered from a single 3.6V ½AA battery which should last 4 years. A low battery icon will be displayed when the battery requires replacing which can be done without losing the displayed values or current configuration.



F7-E-A with rear support (F7-SF), magnetic band (F7-P25/10-500) and band support (F7-SB-500)

Applications

- Wood working machinery, printing machines



F7-I-A with mounting flange F7-SF and magnetic band F7-P25/10-500 and band end-caps F7-TB



F7-E-A with magnetic ring F7-AM

Multifunction display

With external sensor

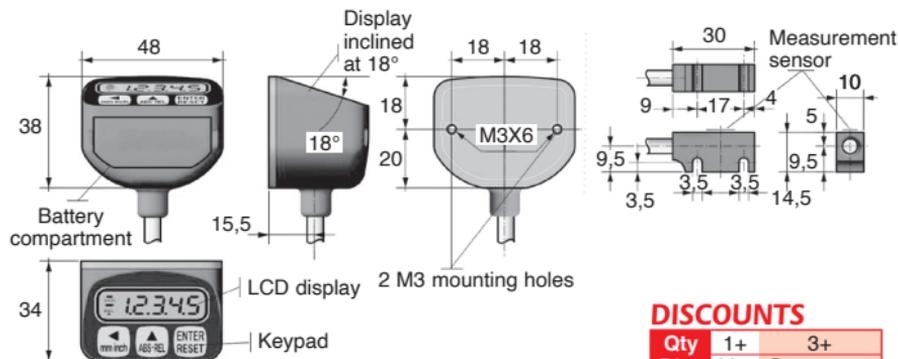
F7-E

- **Indicator with an external sensor**
- Resolution: 0.1mm
- Max speed: 2.5m/s
- Display range: -99999 to 99999
- Display: LCD, character height 7.5mm
- Max distance between sensor and band: 1mm
- 3 button tactile keypad
- Sensor IP rating: IP67
- Indicator IP protection: IP54
- Working temperature: 0 to 50°C
- Relative humidity: 35-85%
- EMC protection: 2004/108/EC
- Power supply: ½AA 3.6V battery (Lithium-thionyl chloride)
- Battery life: Approx 4 years
- Material:
 - Sensor: Black anodised aluminium
 - Display housing: Plastic



Parameters

- Reset/preset, absolute/incremental, mm/inch/degrees, 3 origin points



DISCOUNTS

Qty	1+	3+
Disc	List	On request

Part number	View	Length of sensor (mm)	Price each 1 to 2
F7-E-A-500	A	500	422,96 €
F7-E-A-1000	A	1000	422,96 €
F7-E-A-3000	A	3000	447,88 €
F7-E-A-5000	A	5000	472,79 €
F7-E-B-500	B	500	422,96 €
F7-E-B-1000	B	1000	422,96 €
F7-E-B-3000	B	3000	447,88 €
F7-E-B-5000	B	5000	472,79 €

Dimensions in mm

Multifunction display

F7-I

With internal sensor

- Indicator with integrated sensor

- Resolution: 0.1mm
- Max speed: 2.5m/s
- Display range: -99999 to 99999
- Display: LCD, character height 7.5mm
- Max distance between sensor and band: 1mm
- 3 button tactile keypad
- Sensor IP rating: IP67
- Indicator IP protection: IP54
- Working temperature: 0 to 50°C
- Relative humidity: 35-85%
- EMC protection: 2004/108/EC
- Power supply: ½AA 3.6V battery ((Lithium-thionyl chloride)
- Battery life: Approx 4 years
- Material:
 - Sensor: Black anodised aluminium
 - Display housing: Plastic



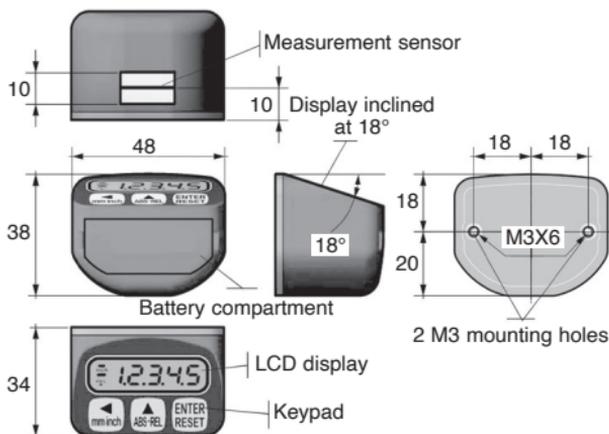
View A



View B

Parameters

- Reset/preset, absolute/incremental, mm/inch/degrees, 3 origin points



DISCOUNTS

Qty	1+	3+
Disc	List	On request

Part number	View	Price each 1 to 2
F7-I-A	A	362,89 €
F7-I-B	B	362,89 €

Dimensions in mm