



FEATURES AND APPLICATIONS

MPI-15 measuring system, made of a LCD multifunction display with built-in magnetic position sensor, combined with the magnetic band M-BAND-10 (to be ordered separately), is a complete system for the measurement of linear and angular displacement (with a minimum radius of 65 mm).

Characterised by an extremely easy assembly, it allows precise alignment and positioning, reducing time and machining procedures to the minimum.

- Multifunction LCD with 5 function keys.
- Absolute / incremental mode.
- Programmable offset function.
- External battery power supply 1.5 VDC.
- Buffered memory during battery substitution.
- Accidental polarity inversion protection.
- Material of the magnetic sensor envelope: anodised aluminium.

For further information read the operating instructions.

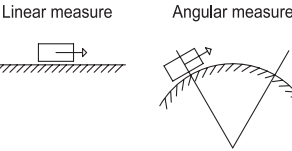
ACCESSORIES ON REQUEST

Magnetic band M-BAND-10.

SPECIAL EXECUTIONS ON REQUEST

The display of special plate may be supplied with customised graphic symbols, marks or writings.

Magnetic sensor with cable length different from the standard executions shown in the table, up to 20 m maximum.



Technical data	
Battery life	1.5 years (C-type battery)
Resolution(1)	0.1 mm - 0.01 in - 0.01°
Precision(2)	0.1 mm
Repeat accuracy(3)	0.001 mm
Operating speed	max. 5 m/s
Self-diagnostic	battery check, sensor check, magnetic tape check
Programmable measuring unit	millimetres, inches, degrees (angles)
Working temperature	0 ÷ 50 °C
Storing temperature	-20 ÷ +70 °C
Relative humidity	Max. 95% at 25°C without condensation
Protection class	IP40 whole device IP54 front side according to IEC 529 IP67 magnetic sensor
Interference protection	IEC 61000-4-2

(1) Resolution: the smallest change in length that the system is capable of displaying.  
(2) Precision: the maximum deviation of the value measured by the system from the actual one.  
(3) Repeat accuracy: the degree of closeness between a series of measures of the same sample, when the single measurements are carried out with the conditions unchanged.