

Battery-powered position sensing system for mobile applications or without stationary power supply.

Easy to install, it provides precise but simple measurement of position and displacement



of machinery. In-situ monitoring facilitates machine operation and reduces failure rate and production rejects.

Technical data

Display:	LCD, 6½ -digit, 17 mm
Resolution (configurable) mm	1 - 0,1 - 0,05 - 0,01
inch	0,01 - 0,001 - 1/16 - 1/32 - 1/64
Grad	1 - 0,1 - 0,01 - 0,001
Accuracy:	± 30 µm / m
Repeatability:	± 1 digit
Supply:	3 V @ approx. 1 mA (2 batt. type LR 6AA) Auto power-off optional: 1 batt. LR6AA or ext. supply 1,5-5 Volt
Operating temperature:	0° - 50° C
Protection display / sensor:	IP 43 to DIN 40050 / IP 67 to DIN 40050
Max. speed:	4 m / sec
Mounting:	Sensor – strip: 0,3 mm - 2 mm
Cable length:	1 m, other cable length or intermediate connector upon request
Magnetic strip:	Pole pattern 2 mm With steel base and steel cover, provided with adhesive tape for mounting
Sensing range:	1 m to 30 m
Dimensions display:	B x H x T 96 mm x 48 mm x 44 mm
Dimensions sensor:	B x H x T 26 mm x 13 mm x 10 mm
Versions:	Optional versions: <ul style="list-style-type: none"> • simplified operating features (e.g. only "On/off" and "Zero") • increased protection • OEM versions (e.g. specific sensor)