

HYDROSTATIC PROFILE GAUGE

Description

A hydrostatic profile gauge allows for manual measurements of failures that occur in foundations, embankments, landfills, etc. A profile tube is installed horizontally (lengthwise) at the monitoring surface. The profile is pulled through the tube and measures the hydrostatic pressure of the measuring point (inside which there is a high-accuracy pressure transducer) compared to the level of the fluid contained in the reference tank placed outside. A comparison of data measurements taken at different time intervals provides the variation on the position of the tube, and consequently the level of failures.



Technical features

Sensor type	piezoresistive
Power	8...32 Vdc
Output	4-20 mA
Measurement range	1-5-10-20 m
Resolution	0,01% F.S.
Total Accuracy	< 0,2% F.S.
Operating temperature	-20...+60 °C
Probe dimension	30 mm diameter - L=250 mm
Probe and reel material	stainless steel
Class of protection	IP68

Please specify

CODE	PRODUCT DESCRIPTION
PID-100	Hydrostatic profile gauge with sensor & reel
PID-200	Electro-hydraulic cable

For further information

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