

INDI-ISO376

INDICATOR FOR REFERENCE FORCE TRANSDUCERS

The INDI-ISO376 is a very high accuracy portable indicator designed to be used in combination with Standard Reference Force Transducers with accuracy class 0.5 and 00 following the norm ISO376.



INDI-ISO376

DISPLAY	
Display	6 digits (LCD)
Units	mV/V (default), Newton or kilo Newton
INPUT SIGNAL	
Input	Wheatstone bridge (6 wires – 45 W min.)
Maximum	Bipolar 3.3 mV/V (option: 7 mV/V)
Transducer supply	9.7 VDC (Wheatstone bridge of 350 Ω)
ACCURACY	
Non-linearity	≤ 0.002 % of full scale
Input resolution	0.3 mV per digit
Conversion speed	From 0.5 up to 50 conversion / s
Resolution	from 10 000 (@ 50 conv./s) up to 1 000 000 (@ 0.5 conv./s)
Thermal stability of zero	≤ 0.01 μV/°C
Thermal stability of span	≤ 1.5 ppm/°C
Linearization	6 points
OUTPUTS	
Digital outputs	Used for Modbus RTU communication, fieldbus communication, remote display or printer COM 1: RS-485/RS-422 or RS-232 (up to 115.2 kbaud) COM 2: RS-485/RS-422 (up to 460 kbaud)
2 independent set points	Relays (1A, 30V max.)
OTHERS FUNCTIONS	
Hold, Peak memory, Filter, Internal clock, Auto logging	
ENVIRONMENT	
Power supply	110 / 240 VAC – Option: 24 VDC
Operating temperature	from -10 to +50°C
Storage temperature	from -25 to +85°C
Protection	IP 54
Weight	6.7 kg
COMPLEMENTARY PRODUCTS	
Acquisition and management software (see specific documentation)	
Transportation case	