

Level indicator

IDXY Series



Description

The series of IDXY level indicators includes flatness indicators with differentiated action on two axes or the same action through 360°, depending on the type.

Easily and quickly installed, they are mounted on a spring support which allows the zero of the system to be easily calibrated and the operation of the device to be quickly checked.

Can be supplied with NO or NC outputs.

The angle of intervention can be set from 1° to 10° on request. The instrument is normally calibrated in the factory but calibration can be repeated if required.

Safety: Category B (EN 954-1).

Technical data

Model	IDXY 5/17	IDXY 360/10	
Power supply	9 to 30 or 10 to 48 ⁽¹⁾		Vdc
Electrical protection	Transistors and polarity reversal		-
Control on	2 axes	360	degrees
Intervention range	± 17 on one axis and ± 5 on the other	1 to 10 ⁽²⁾	degrees
Minimum threshold values tolerated	-	1	degrees
Maximum height	108	130	mm

Repeatability error	0.3	degrees
Hysteresis	0.2	degrees
Output current	1	A
Standard intervention delay	1 / 2 / 2.5	sec

⁽¹⁾ 48 Vdc @ 50 °C and 42 Vdc @ 70 °C

⁽³⁾ Different lengths or connectors available on request

Optionals: Buzzer 110 dB 1m

Operating temperature	-20 to 70	°C
Standard connection flex L =	0.5 ⁽³⁾	m
Standard protection grade	IP65	-
Buzzer standard protection grade	IP54	-

⁽²⁾ Different ranges on the two axes available on request

Dimensions [mm]

