DIFFERENTIAL PRESSURE INDICATOR

NEED AN ALARM? SELECT DPI - A TRANSMITTER WITH RELAY OUTPUT!

DPI	The DPI is an electronic differential pressure transmitter with up to two relay outputs.
USAGE & APPLICATIONS	The differential pressure indicator is used for measuring and indicating low pressures of air and non-combustible gases in order to monitor and control building automation, HVAC and cleanroom systems.

TECHNICAL DETAILS

Accuracy (from FS):	±0.7 % (±1.5 % initial) (including: general accuracy, temperature drift, linearity, hysteresis, and repetition error)
Long term stability, typical 1 year:	±1 Pa (±8 Pa without autozero element -AZ)
Zero point calibration:	automatic with autozero element (-AZ) or by pushbutton
Supply voltage:	21–35 VDC / 24 VAC ±10 % (without -AZ option) 24 VDC ±10 % / 24 VAC ±10 % (with -AZ option)
Current consumption:	35 mA + relays (7 mA each) + AZ (20 mA) + 0...10 V output (10 mA)
Output signals:	0...10 V, L min 1 kΩ Relay output 1 (250 VAC / 30 VDC / 6 A) Optional relay output 2 (250 VAC / 30 VDC / 6 A)
Operating temperature:	-10...+50 °C
Response time:	0.5...10 s
Protection standard:	IP54

DPI

Example: DPI±500-2R-D	Product series				
	DPI	Differential pressure indicator			
		Measuring ranges (Pa)			
		±500	±100 / ±250 / ±300 / ±500		
		2500	100 / 250 / 1000 / 2500		
			Number of relays		
			-1R	One relay	
			-2R	Two relays	
				Zero point calibration	
				-AZ	With autozero calibration
					Standard with pushbutton manual zero point calibration
					Display
					-D With display
Model	DPI	±500	-1R		-D

ACCESSORIES
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