



# DIFFERENTIAL PRESSURE INDICATORS

IHID



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## IHID<sup>1</sup>

The clogging indicators are actuated by the differential pressure ( $\Delta p$ ) across the element. The special piston design minimizes the effects of peak pressures in the system. An optional thermal lockout (thermo-stop) is available to prevent false indication under cold start conditions. Fluid temperature have to be at least +20 °C / +68 °F for the indicator to function..

### Technical Information

Materials:

- Body: Stainless steel.
- Sealings:
  - NBR (Buna-N®).
  - FPM (Viton®).
  - EPDM (Ethylene-Propylene-Diene-Monomer-Rubber).

Thread (d1): G ½

Differential Pressure: 5 bar pressure setting (other settings on request).

REFERENCE	TYPE	MEASURES		VOLTAGE	SEALING	RESISTIVE LOAD	INDUCTIVE LOAD
		h1	h2				
IHID1	VISUAL	27 mm	25,4 mm	-	NBR	-	-
IHID2	ELECTRICAL	75 mm	25,4 mm	230 V	NBR	3 A	2 A
IHID3	VISUAL - ELECTRICAL	80 mm	25,4 mm	230 V	NBR	3 A	2 A

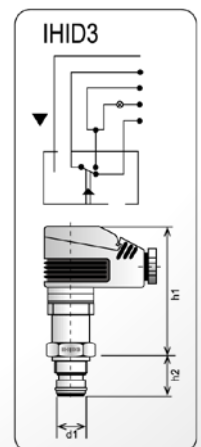
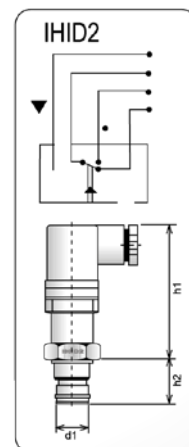
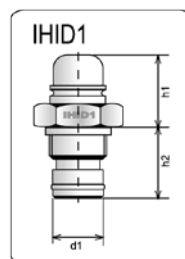
High voltage peaks occur when inductive loads are switched off. Protective circuitry should be employed to reduce contact burnout.

### Visual indicators

Automatic reset: The clogged signal will disappear when the  $\Delta p$  drops below the setting for the indicator..

### Electric indicators<sup>2</sup>

- Plug according to DIN-EN 175301-803 A (DIN 43650-A).
- Screwed cable gland PG11
- Protection rating (DIN 40050) IP65
- Both NO and NC contacts are available in the switch, rated capacity: see chart below.
- European plug.



1 If no indicator is specified, the port is sealed by a plug.

2 The customer / user carries the responsibility for the electrical connection.