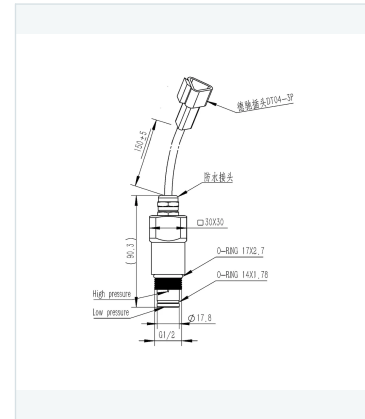


FILTER MONITORING

DxBD3SHG1/2

Electrical Clogging Indicator

A compact electrical clogging indicator for high-pressure filtration systems, with adjustable 1-8 bar actuation, SPDT contacts, and a 420 bar maximum system-pressure rating.



PRESSURE RANGE	OUTPUT	PROTECTION
1-8 bar set point	SPDT, NO/NC	IP65

PRODUCT OVERVIEW

The DxBD3SHG1/2 provides an electrical indication when filter differential pressure reaches the configured set point. Its stainless-steel construction and high static-pressure capability make it suitable for hydraulic and industrial filtration assemblies using mineral oil, gasoline, or water.

KEY FEATURES

- Adjustable differential-pressure actuation from 1 to 8 bar
- Normally-open and normally-closed contact functions
- Stainless-steel pressure body rated to 420 bar system pressure
- Deutsch DT04-3P connector for robust equipment integration
- Wide media-temperature range from -30 to +120 deg C

TYPICAL APPLICATIONS

- Hydraulic filter assemblies
- Industrial lubrication systems
- Fuel filtration equipment
- Water filtration skids

TECHNICAL SPECIFICATIONS

PARAMETER	SPECIFICATION
Compatible media	Mineral oil, gasoline, and water
Set-point range	1-8 bar
Set-point tolerance	+/-10%
Contact function	SPDT: COM, NC, and NO
Maximum system pressure	420 bar
Electrical rating	24 VDC, 3 A; maximum voltage 48 V
Current consumption	<100 mA
Process connection	G1/2
Electrical connection	Deutsch DT04-3P
Media temperature	-30 to +120 deg C
Ingress protection	IP65

Configuration note: Specifications and approvals can vary by pressure range, output, connection, and material selection. Confirm the exact ordering code and controlled specification with CASCED US before design release.

[View the current product page and request a quote at **cascad-us.com**](#)

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