

FILTER MONITORING

DXBLZALM20

Dual-Stage Differential Pressure Indicator

A dual-stage electronic differential pressure indicator with 75% and 100% fixed switch outputs, an aluminum body, M12 connectivity, and a 160 bar system-pressure rating.



PRESSURE RANGE	OUTPUT	PROTECTION
1-8 bar set point	75% SP + 100% SP switch outputs	IP67

PRODUCT OVERVIEW

The DXBLZALM20 monitors filter restriction with two fixed outputs: an early warning at 75% of the selected set point and a full alarm at 100%. The sensing design is intended to provide reliable contamination indication without false signaling caused by startup or transient flow changes.

KEY FEATURES

- Independent 75% pre-alarm and 100% full-alarm outputs
- 1-8 bar selectable set-point range with +/-10% tolerance
- Designed to resist nuisance indications during startup and flow transients
- Compact M20 x 1.5 pressure interface and M12 x 1 electrical connection
- IP67 enclosure for demanding industrial installations

TYPICAL APPLICATIONS

- Hydraulic return-line filters
- Industrial lubrication systems
- Fuel filtration equipment
- Water filtration and process skids

TECHNICAL SPECIFICATIONS

PARAMETER	SPECIFICATION
Compatible media	Mineral oil, gasoline, and water
Set-point range	1-8 bar
Set-point tolerance	+/-10%
Switch function	Normally closed; S1 = 75% SP, S2 = 100% SP
Maximum system pressure	160 bar
Electrical rating	Maximum 48 V, 0.5 A; 10 W/VA maximum
Current consumption	<100 mA
Body material	Aluminum
Process connection	M20 x 1.5
Electrical connection	M12 x 1, 4-pin: pin 1 +24 VDC, pin 2 100% SP, pin 3 GND, pin 4 75% SP
Media temperature	-30 to +120 deg C
Ingress protection	IP67

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](#)

English edition | Rev. 2026-07-22 | Product values translated from the supplied manufacturer source document.