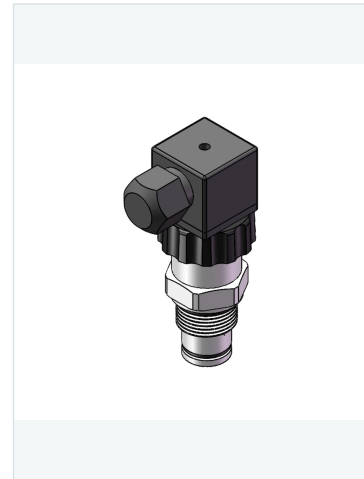


FILTER MONITORING

FX Series

Differential Pressure Clogging Indicator

A rugged electrical clogging indicator for pipeline filters, providing a switch signal when differential pressure reaches the configured 1-8 bar set point.



PRESSURE RANGE	OUTPUT	PROTECTION
1-8 bar set point	SPDT, 220 VAC / 1 A	IP65

PRODUCT OVERVIEW

The FX Series is installed across a filter to detect restriction caused by accumulated contamination. When differential pressure reaches the selected value, the indicator can trigger a service alarm or interrupt an associated control circuit. Its design emphasizes switching power, vibration resistance, and immunity to transient startup conditions.

KEY FEATURES

- Filter restriction monitoring with adjustable 1-8 bar actuation
- High switching capacity for direct alarm or control-circuit integration
- Designed to resist vibration and transient-flow nuisance signaling
- 304 stainless-steel pressure body with NBR sealing
- Standard DIN 43650 electrical connection

TYPICAL APPLICATIONS

- Pipeline filter monitoring
- Hydraulic and lubrication systems
- Fuel filtration equipment
- Industrial water filtration

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	220 VAC, 1 A
Body material	304 stainless steel
Seal material	NBR 70
Process connection	M22 x 1.5
Electrical connection	DIN 43650
Media temperature	-20 to +100 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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