

Switch-Pro™ with Compact Junction Box



AT17-1630 Shown



AT17-3630 Shown

Application

This general purpose liquid or gas switch package provides a low flow detection solution for pump or process protection with a 1A relay interface for remote devices such as a PLC, SCADA or alarm. The short sensor is intended for use in pipe or ducting from 1/2" to 1 1/2";

Features

- 1A relay selectable NO or NC via power supply wiring polarity
- PP enclosure rated NEMA 4X with 300° conduit swivel base
- PP or PVDF wetted material for

Specifications

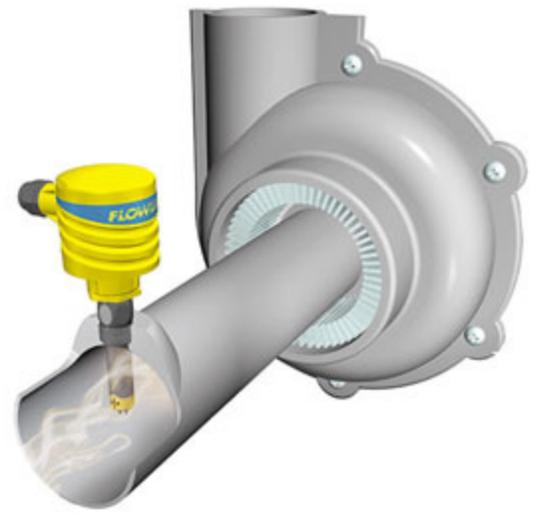
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|-------------------|--|
| Set point range: | FT10: 0.04 to 3 fps (0.012 to 0.91 mps) GT10: 1 to 90 fps (0.3 to 27 mps) |
| Repeatability: | ±0.5% of set point |
| Supply voltage: | 12-36 VDC |
| Contact type: | (1) SPDT relay |
| Contact rating: | 60 VA |
| Process temp: | F: 32° to 140° C: 0° to 60° |
| Pressure: | 150 psi (10 bar) |
| Wetted material: | PP-Ryton®/PVDF |
| Conduit entrance: | 1/2" NPT |
| Enclosure rating: | NEMA 4X (IP65) |
| Process mount: | 3/4" NPT (3/4" G) |
| Classification: | General purpose |

the long sensor is applied in 2" and up. The product is broadly selected for low or no-flow applications. Specify the appropriate sensor technology, length and material.

challenging corrosive fluids
Compatible with Flowline controller, alarm and fitting accessories

Tech Tip

The NEMA 4X enclosure is made of UL approved fire retardant PP and features a 300° swivel base for easy conduit alignment. The power and switch terminals are prewired to the terminal strip.



Order

A 1 - 63

| | |
|--------------------------|--|
| Application media | |
| T Liquid | |
| G Gas | |
| Sensor length (1) | |
| 7 Short | |
| 8 Long | |
| Sensor material | |
| 1 PP | |
| 3 PVDF | |
| Process mount (2) | |
| 0 3/4" NPT (US) | |
| 4 3/4" G (Metric) | |

Ordering Notes

- 1) Select the short sensor for use with pipe sizes from 3/4"-1 1/2" (D25-D50) and the long sensor for 2" and higher (D63 up).
- 2) Select the Pulse-Point fitting to dampen the pulsating flow of liquid metering pumps. Order the FT50-1000 (PP) fitting or the FT50-5000 (PVDF) fitting. The FT50 is compatible with the short NPT flow switch.

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