

Pressure switch FF 603

Flush mounted diaphragm, 1 ... 100 bar

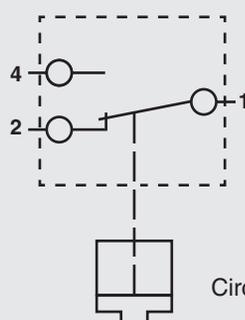


shown with connector plug

Description

Model range FF 603 pressure switches are change-over contact equipped. This type series is purpose-built for high-viscous media pressure monitoring and flush-mount diaphragm equipped. Depending on application, lower or upper switchpoint is tuned, switch-back difference arises from typical switch hysteresis (~ 20%).

- Purpose-built for high-viscous media
- High-rated over-pressure safety
- High-rated maximum operating cycles
- Factory pre-calibrated types available



Circuit diagram

Types

Pressure switch with flush mounted diaphragm, pressure connection G 1/4" male

Order reference	Adjustment range	Over-pressure safety	Sealing type
FF 603-10	1 ... 10 bar	100 bar	Diaphragm 60 FKM 590
FF 603-20	2 ... 20 bar	300 bar	Diaphragm 60 FKM 590
FF 603-50	5 ... 50 bar	300 bar	Diaphragm 60 FKM 590
FF 603-100 M	10 ... 100 bar	300 bar	Diaphragm 60 FKM 590
Connector plug type 600, please order separately			

Technical data	Type: FF 603
Reproducibility	~ 2 ... 5 %
Switch-back difference	~ 20%, smaller values upon request
Circuit element	Change-over contact
Max. operating cycles	200 / min.
Max. voltage	250 V
Max. current	6 A
Protection class	IP 65
Operating temperature	-20° ... +80 °C
Weight	~ 120 g
Connection thread	G 3/4"
Material of process connection	Stainless steel 1.4305 and FKM gasket ring

Special types (i.e. gold-plated switch contacts) upon request.