

GENERAL CHARACTERISTICS

Mechanical Flow Switch for liquid or gaseous media, with magnetic triggering of a fixed reed switch. Plastic housing with integrated filter.

- * fixed switch value
- * integrated filter
- * control of small flow rates
- * high switch capability
- * flow regulator as option

Male thread G1/2A POM



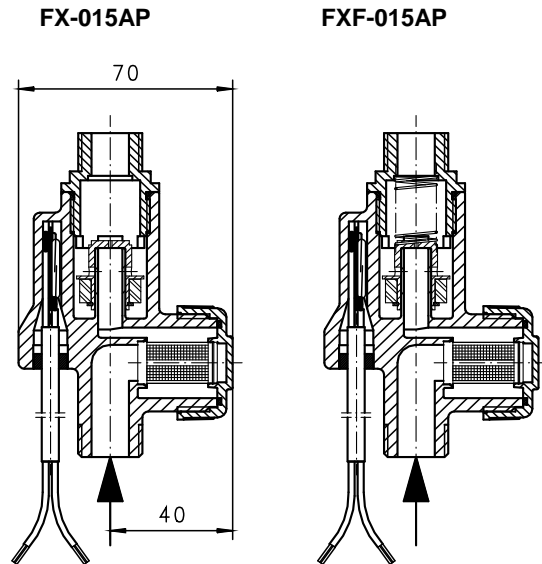
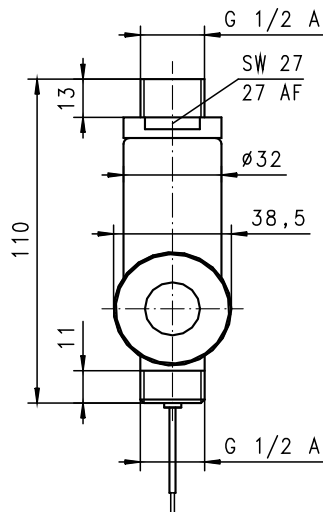
FX-015AP

TECHNICAL DATA

G	Type	PN bar (20°C)	Qmax. recom. l/min H ₂ O	switch value l/min H ₂ O selectable range for fixed switch	weight kg
POM	G1/2A FX-015AP	10	12	0.4 - 5	0.14
	G1/2A FXF-015AP	10	12	2.0 - 12	0.15

Switch value is indicated for upward decreasing flow.

tolerance	±15% of switch value
media temperature	max. 80°C at 6 bar
average pressure loss	FX 0.01 bar at 5 l/min FXF 0.20 bar at 5 l/min
hysteresis	depending on the switch value minimum 0.3 l/min.
filter	25 µm

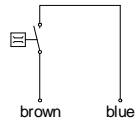


MATERIALS

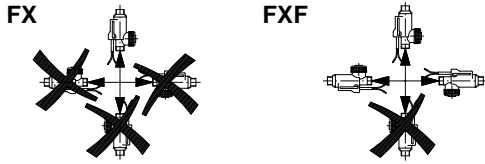
	FX-015AP	FXF-015AP
body	POM glass-fibre	POM glass-fibre
piston	brass Ms58	brass Ms58
snap ring	CuSn8F70	CuSn8F70
spring	-	stainless steel 1.4310
magnet	bariumferrite	bariumferrite
seals	NBR	NBR
filter	nylon/POM	nylon/POM

ELECTRICAL DATA

reed switch - wiring 0.212 n.o.
 230 V AC 1 A 50 VA
 cabel 0.5 m
 protection class 2
 protection class IP 65

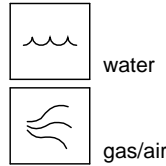


MOUNTING POSITION



Position may influence switch value.

METERING SUBSTANCES



NOMENCLATURE

FX-	015	A	P	basic type
				specification
FX-				● Flow Switch
FXF-				● Flow Switch with additional spring support
	015			● nominal diameter DN 15
		A		● male thread
			P	● plastic design
Programme option BASIC				○ integrated flow regulator

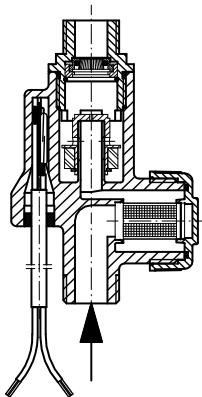
IMPORTANT ORDER DETAILS

- Please indicate flow direction, metering substance and switch value with your order.
- With gaseous media indicate pressure (relative or absolute), temperaturue and metering substance (switch value on request)

OPTIONS

Flow Switch with integrating flow regulator

limiter flow rates 3,5,6,8,10,12 l/min H₂O.
 tolerance from 2 bars ±15%
 temperature max. 65°C



All technical changes reserved

IBASIC Standard BASIC Programme option VARIO Special option PLUS Accessories

not recommendable