

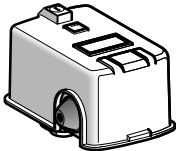
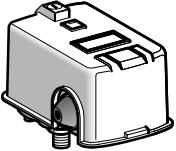
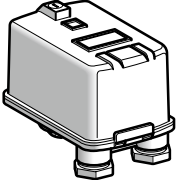
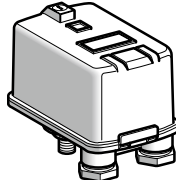
Electromechanical pressure switches

OsiSense XM

For power circuits, OsiSense FSG

Size 4.6 bar (66.7 psi), adjustable differential, for regulation between 2 thresholds. Switches with 2-pole 2 NC contact.

Degree protection IP 20 or IP 65

Fluid connection	G 1/4 (female)	R 1/4 (male)	G 1/4 (female)	R 1/4 (male)
				

Adjustable range of switching point (PH) (Rising pressure)	1.4...4.6 bar (20.3...66.7 psi)			
Degree of protection conforming to IEC/EN 60529	IP 20		IP 65	

References

Fluids controlled	Fresh water, sea water, from 0°C to +70°C (1)	FSG2	FSG9	FSG2NE (2)	FSG9NE
Weight (kg)	0.340				

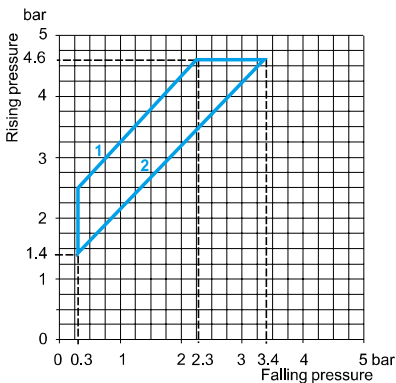
Complementary characteristics not shown under general characteristics (page 93)

Possible differential (subtract from PH to give PB)	Max. at low setting	2.1 bar (30.45 psi)
	Max. at middle setting	2.2 bar (31.9 psi)
	Max. at high setting	2.3 bar (33.35 psi)
	Min. at low setting	1 bar (14.5 psi)
	Min. at middle setting	1.1 bar (15.95 psi)
	Min. at high setting	1.2 bar (17.4 psi)
Maximum permissible pressure	Per cycle	5.75 bar (83.38 psi)
	Accidental	8 bar (116 psi)
Destruction pressure	20 bar (290 psi)	
Mechanical life	1 x 10 ⁶ operating cycles	
Cable entry	2 cable entries, with grommet	2 entries with 13P cable gland (DIN Pg 13.5)
Clamping capacity	9 to 13 mm	
Pressure switch type	Diaphragm	

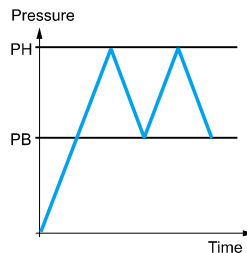
(1) Component materials of units in contact with the fluid, see page 93.

(2) Variant: for a G 3/8 female fluid entry that pivots throughout 360°, select the **FSG2NEG**.

Operating curves



- 1 Maximum differential
- 2 Minimum differential



— Adjustable value



Connections