Product data sheet

Specifications



Pressure sensors XM, pressure switch ADW 210 bar, adjustable scale 2 thresholds, 1CO

ADW4M129012

Main

Range of product	OsiSense XM
Pressure sensor name	ADW
Pressure sensor type	Electromechanical pressure sensor
Product specific application	For regulation between 2 thresholds
Scale type	Adjustable differential
Contacts type and composition	1 C/O snap action
Cable entry	1 entry tapped for Pg 13.5 cable gland, cable outer diameter: 9…13 mm conforming to NF C 68-300
Fluid connection type	G 3/8 (female) conforming to ISO 228
Materials in contact with fluid	Buna N Steel Cast iron
Pressure rating	210 bar
Adjustable range of switching point on falling pressure	0…203.1 bar
Adjustable range of switching point on rising pressure	28…210 bar
Pressure actuator	Piston with drainage hole
Electrical circuit type	Control circuit

Complementary

Electrical connection	Screw-clamp terminals, clamping capacity: 1 x 1...2 x 2.5 mm²
Controlled fluid	Synthetic oil (-30…125 °C)
Short-circuit protection	10 A cartridge fuse, type gG
Enclosure material	Zinc alloy
Possible differential minimum at low setting	6.9 bar
Possible differential minimum at high setting	6.9 bar
Possible differential maximum at low setting	28 bar
Possible differential maximum at high setting	28 bar

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Maximum permissible pressure - per cycle	690 bar
Mechanical durability	1000000 cycles
Setting	External
Local display	Without
Terminals description ISO n°1	(1-2)NC (3-4)NO
Width	88 mm
Height	176 mm
Depth	68 mm
Net weight	1.88 kg

Environment

Protective treatment	TC
Standards	CE EN/IEC 60947-5-1
Product certifications	UL recognized EAC CSA
IP degree of protection	IP65 conforming to EN/IEC 60529
Ambient air temperature for operation	-30…85 °C

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	1.936 kg
Package 1 Height	8.0 cm
Package 1 width	10.0 cm
Package 1 Length	20.5 cm

Offer Sustainability

REACh Regulation	REACh Declaration
EU RoHS Directive	Not applicable, out of EU RoHS legal scope
California proposition 65	WARNING: This product can expose you to chemicals including: Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

Contractual warranty

Warranty	18 months