Product data sheet
Characteristics

9013GSW2J99R
pump or compressor switch 9013GS - adjustable diff. - factory setting

Important message: We have updated the process to order Telemecanique Sensors products. For more information, please contact your Telemecanique Sensors representative at (US.salesorders@tesensors.com).You can find all product information on the Telemecanique Sensors website: https://tesensors.com/us/en

⚠ This Product is Obsolete

Commercial status
This Product is Obsolete : SEP 01, 2023

Main

Range of Product	Pumptrol
Pressure sensor name	9013GS
Pressure sensor size	80 Psi (551.58 kPa) 5…50 psi (34.47…344.74 kPa))
Value of setting	Specify pressure settings
Electrical circuit type	Power circuit
Product Specific Application	Control electrically driven water pumps and air compressors
Quantity per Set	1
Type of Packing	Individual

Complementary

Pressure sensor type	Electromechanical pressure switch
Controlled fluid	Air 32…158 °F (-0…70 °C)) Fresh water 32…158 °F (-0…70 °C))
Adjustable range on rising pressure	20…80 Psi (137.90…551.58 kPa)
Approximate adjustable differential	20…40 Psi (137.90…275.79 kPa)
Destruction pressure	100 Psi (689.48 kPa)
Pressure actuator	Diaphragm
Pressure switch type of operation	Regulation between 2 thresholds
Scale type	Adjustable differential
Setting	Internal
Local display	Without
Contacts type and composition	2 NO, snap action, DPST-DB, Form YY
Cable entry number	3 knock-outs for 1/2" conduit UL 508
Electrical connection	Screw-clamp terminals 10 AWG Screw-clamp terminals 5.261 mm²
Fluid connection type	0.25 inch NPSF internal UL 508
Short-circuit protection	20 A cartridge fuse gG
Materials in contact with fluid	Zinc plated steel or equivalent flange Nitrile (Buna-N) or equivalent rubber diaphragm

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein.
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.
It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof.
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Material	Cast aluminium: enclosure
Operating position	Any position
Motor power kW	1.5 KW 2 hp)115 V AC, 1 phase 2.2 KW 3 hp)115 V AC, 3 phase 2.2 KW 3 hp)230 V AC, 1 phase 0.75 KW 1 hp)115 V DC 0.75 KW 1 hp)230 V DC 3.75 KW 5 hp)230 V AC, 3 phase 3.7 KW 5 hp)460 V AC, 1 phase 3.7 KW 5 hp)460 V AC, 3 phase 3.7 KW 5 hp)575 V AC, 1 phase 3.7 KW 5 hp)575 V AC, 3 phase
Electrical durability	100000 Cycles 10 cyc/mn
Mechanical durability	300000 Cycles
Terminal block type	4 terminals
Maximum operating rate	10 Cyc/Mn
[Ui] rated insulation voltage	575 V UL 508
Net Weight	2.25 Lb(US) (1.02 kg)
Repeat accuracy	+/- 3 %
Terminals description ISO n°1	L2-T2 L1-T1
Width	7.13 In (181.10 mm)
Height	8.46 In (214.88 mm)
Depth	5.38 In (136.65 mm)
Factory modification	-

Environment

Standards	CE NSF ANSI 372 UL 508
Ambient Air Temperature for Operation	-22…158 °F (-30…70 °C)
Ambient Air Temperature for Storage	-22…158 °F (-30…70 °C)
Protective treatment	None
NEMA degree of protection	NEMA 4 UL 50
IP degree of protection	IP20 conforming to IEC 60529
Product Certifications	CSA[RETURN]UL Listed

Ordering and shipping details

Category	21536-9013 G COMMERCIAL PRESSURE SWITCH
Discount Schedule	CP7G
Returnability	No
Country of origin	MX

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1

Offer Sustainability

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
EU RoHS Directive	Not applicable, out of EU RoHS legal scope

Contractual warranty

Warranty	18 months

Product Life Status : End of commercialisation