



## Main

|                                   |                                                                                   |
|-----------------------------------|-----------------------------------------------------------------------------------|
| Range of product                  | 9012G                                                                             |
| Pressure sensor type              | Electromechanical pressure switch                                                 |
| Pressure sensor name              | 9012G                                                                             |
| Pressure sensor size              | 150 psi                                                                           |
| Maximum pressure                  | 475 psi                                                                           |
| Contacts type and composition     | NC-NO, SPDT-DB, Form Z, snap action, silver nickel contacts                       |
| Controlled fluid                  | Air<br>Hydraulic oil (-40...250 °F)<br>Non-corrosive liquids<br>Non-corrosive gas |
| Fluid connection type             | 0.25 inch 18 NPTF conforming to UL 508                                            |
| Pressure switch type of operation | Regulation between 2 thresholds                                                   |
| Scale type                        | Adjustable differential                                                           |
| Local display                     | With range scale window                                                           |

## Complementary

|                                             |                                                              |
|---------------------------------------------|--------------------------------------------------------------|
| Range on decreasing pressure                | 3...150 psi                                                  |
| Approx adjustable differential at mid range | 6...30 psi +/- 2.5 % full scale                              |
| Terminal block type                         | 4 screw terminals                                            |
| Electrical connection                       | 1 male connector (mini) 5 pins                               |
| Terminal identifier                         | (3)gnd<br>(2-4)NC<br>(1-5)NO                                 |
| Electrical circuit type                     | Control circuit                                              |
| Local signalling                            | 1 LED (clear) DC at 24 V                                     |
| [In] rated current                          | 2.75 A (Ue = 24 V DC)                                        |
| Setting                                     | Internal                                                     |
| Enclosure material                          | Die cast aluminium alloy 380                                 |
| Pressure actuator                           | Diaphragm (nitrile (Buna-N))                                 |
| Height                                      | 5.55 in                                                      |
| Depth                                       | 3.11 in                                                      |
| Width                                       | 3.5 in                                                       |
| Operating position                          | Any position                                                 |
| Materials in contact with fluid             | Zinc plated steel<br>Nitrile (Buna-N)                        |
| Short-circuit protection                    | 10 A by gL (cartridge) overload and short-circuit protection |
| Operating rate                              | <= 120 cyc/mn                                                |
| Mechanical durability                       | 5000000 cycles                                               |
| Repeat accuracy                             | 4 %                                                          |
| Product weight                              | 3 lb(US)                                                     |

## Environment

|                        |                                                                                |
|------------------------|--------------------------------------------------------------------------------|
| vibration resistance   | 2 gn conforming to IEC 68-2-6 (f = 40...150 Hz)                                |
| shock resistance       | 50 gn conforming to IEC 58-2-27                                                |
| standards              | CE<br>UL 508<br>CSA C22.2 No 14                                                |
| product certifications | CE<br>CSA LR25490 class 3211 03<br>UL listed file E12158 CCN NKPZ and CCN NTHT |

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|                                       |                                  |
|---------------------------------------|----------------------------------|
| NEMA degree of protection             | NEMA 4/4X/13 conforming to UL 50 |
| ambient air temperature for operation | -10...185 °F                     |

## Offer Sustainability

|                                                                                                                            |                                                                                                                            |
|----------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| Not Green Premium product                                                                                                  | Not Green Premium product                                                                                                  |
| Will not be Compliant                                                                                                      | Will not be Compliant                                                                                                      |
| Reference not containing SVHC above the threshold                                                                          | Reference not containing SVHC above the threshold                                                                          |
| Available                                                                                                                  | Available                                                                                                                  |
| Available                                                                                                                  | Available                                                                                                                  |
| WARNING: This product can expose you to chemicals including:                                                               | WARNING: This product can expose you to chemicals including:                                                               |
| Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and                                | 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. | 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 <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a>                              | For more information go to <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a>                              |

## Contractual warranty

|                 |           |
|-----------------|-----------|
| Warranty period | 18 months |
|-----------------|-----------|

## Данный компонент на территории Российской Федерации

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Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

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