



DESCRIPTION

One of the smallest pressure switches in the market offering an integrated Deutsch receptacle. Plug in a mating Deutsch DT06-2S plug for an instant solution to the constant water spray present in mobile applications.

FEATURES

- Silver nickel alloy contacts
- Direct blade contact
- Diaphragm/Piston combination
- Integrated Deutsch receptacle
- Gold contact available

APPLICATIONS

- Mobile equipment
- Street sweepers
- Cement trucks
- Aerial booms

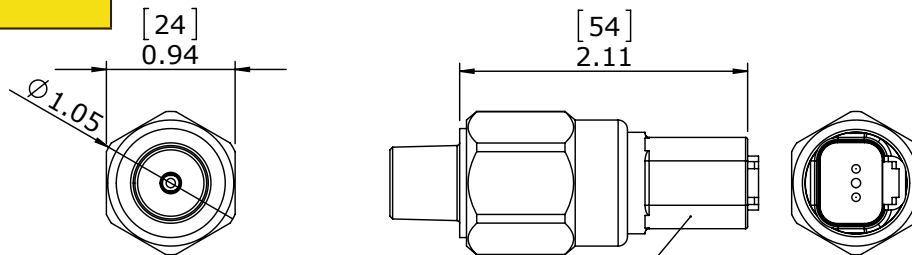
Specifications

| | |
|------------------------------|--|
| Electrical | 100 VA, 42 VDC Optional: Gold Contact |
| Switch Type | Blade Contact |
| Protection | IP67 |
| Mating Connector | DT06-2S |
| Temperature Range | -20°F to 180°F (-29°C to 82°C) Nitrile |
| Mechanical Range | 1,000,000 Cycles @ 1000 PSI (69 BAR) |
| Diaphragm Material | Standard: Nitrile Optional: Viton, EPDM, HNBR |
| Housing Material | Zinc Plated Steel (Optional Stainless Steel) |
| Maximum Overpressure | 9000 PSI (600 BAR) |
| Repeatability at 20°C (68°F) | 5 psi to 14.5 psi = +/- 1.5 psi 12.5 to 145 psi = +/- 5 psi 146 to 350 psi = +/- 11 psi 351 to 1000 psi = +/- 30 psi 1001 to 2175 psi = +/- 65 psi |
| Weight | 0.15 lbs (0.06 kg) |

Pressure Range

| Set Point | |
|-----------|-----------|
| PSI | BAR |
| 5 - 2175 | 0.3 - 150 |

Dimensions



DT04-2P, 2 POLE RECEPTACLE MATING; DT06-2S, 2 POLE PLUG

Wiring Code

| CONTACT | DEUTSCH RECEPTACLE |
|-----------------|--------------------|
| COMMON | PIN A |
| NORMALLY CLOSED | PIN B |
| NORMALLY OPEN | PIN B |

Ordering Information

Factory Preset

SKDF - ¹30F - ²2M - ³B - ⁴DR - ^{5 (Optional)}1

1 - Pressure Selection

Insert set point value XXX followed by: R, F, BR, or BF

| Set Point | Direction | Description |
|-----------|-----------|----------------------|
| XXXX | R | PSI Rising Pressure |
| | F | PSI Falling Pressure |
| | BR | BAR Rising Pressure |
| | BF | BAR Falling Pressure |

2 - Thread Options:

- 2M** - 1/8 NPT male
- 4M** - 1/4 NPT male
- 2G** - 1/8 BSPP male, G1/8
- 4G** - 1/4 BSPP male, G1/4
- 4S** - 7/16-20 SAE male, with O-ring seal
- 6S** - 9/16-18 SAE male, with O-ring seal
- M10** - M10 X 1.0 male (ISO 9974)
- M12** - M12 X 1.5 male (ISO 9974)

3 - Circuit:

- A** - SPST (Normally Open)
- B** - SPST (Normally Closed)

4 - Electrical Termination:

- DR** - Integrated Deutsch Receptacle - Mates with DT06-2S

5 - Options (Omit if not required):

- 1** - Viton® Diaphragm
- 2** - EPDM Diaphragm
- 4** - HNBR Diaphragm
- 7** - Gold Contact, 0.4 VA, 30 VDC
- 20** - Seal Adjustment Screw
- OC** - Oxygen Cleaned Switches
- SR** - Snubber



Note: Please see page 52 for other available options