



DESCRIPTION

One of the smallest 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

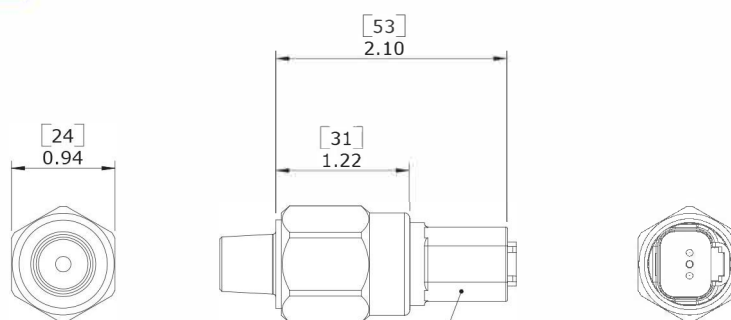
Specifications

Electrical	100 VA, 42 VDC
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	+/- 3% of full set point range at 20°C (68°F)
Weight	0.15 lbs (0.06 kg)

Pressure Range

Set Point	
PSI	BAR
1.5 - 2175	0.1 - 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

MPDF - ¹30F - ²2M - ³B - ⁴DR - ⁵1

1 - Pressure Selection

Field Adjustable - Select Model Code

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

Model	Adjustment Range	
	PSI	BAR
1	1.5 - 14.5	0.1 - 1.0
2	14.5 - 145	1.0 - 10
3	50 - 350	3.4 - 24
4	250 - 1000	17 - 69
5	500 - 2175	34 - 150

OR

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
- M12** - M12 X 1.5 male

3 - Circuit:

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

4 - Electrical Termination:

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

5 - Options:

- 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

