



HDS/PDS AF30:

- Snap action micro switch
- G1/4" BSP Thread
- 250 V / 6A
- Change over contact SPDT
- Easy adjustment via adjustment knob
- Rugged design
- E-connection DIN EN 175301-803A

GTS PDS (female thread):

- Female thread connection
- Adjustment ranges 0.2 ... 16 bar
- Max. system pressure 60 bar
- Elastomer membrane

GTS HDS (male thread):

- Male thread connection
- Adjustment ranges 10 ... 320 bar
- Max. system pressure 350 bar
- Piston with PTFE-sealing

TECHNICAL DATA:

HDS/PDS AF30:

Construction:	Snap action micro switch AF30
Mechanical installation:	Over fluid connection
Mounting position:	Any
Repeatability:	Max. +2% of full scale at room temperature
Life cycles, mech:	>5x10 ⁶
Max. switching frequency:	~1 Hz
Temperature range:	-40 ... +100°C as a function of used elastomere
Vibration resistance:	10g (10 ... 2000 Hz) sinus accc. to ISO 16750-3
Shock resistance:	30g, 14ms shaped sinus acc. to DIN 40046, T7
Switching element:	Snap action micro switch with self-cleaning pins

GTS PDS (female thread):

Operating fluid:	Compressed air, neutral fluids/gasses
Max. system pressure:	60 bar
Hysteresis:	Guide value: 0.1 bar + 5 ... 10% of set point, not adjustable
CE-mark:	acc. to EU Standards: 2014/35/EU (LVD); 2011/65/EU (Rohs)
Protection Class EN 60529:	IP65 using DIN EN 175301-803A, IP67 using M12x1 acc. to DIN
Weight:	~0.3 kg

GTS HDS/PDS DATASHEET

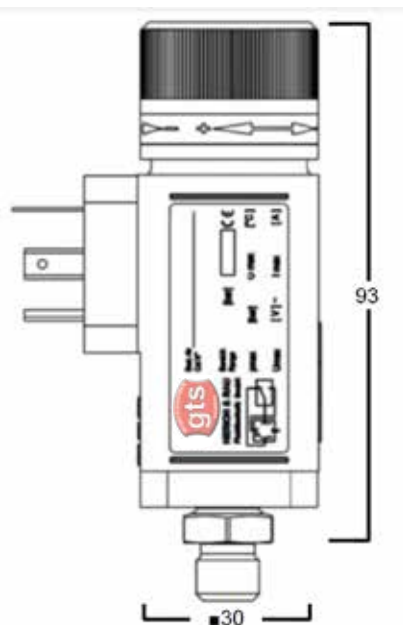


GTS HDS (male thread):

Operating fluid:	Self-lubricating fluids (e.g. hydraulic oil), neutral fluids/gasses
Max. system pressure:	350 bar
Hysteresis:	Guide value: 5 bar + 5 ... 10% of set point, not adjustable
CE-mark:	acc. to EU Standards: 2014/35/EU (LVD); 2014/68/EU (PED); 2011/65/EU (RoHS)
Protection Class:	IP65 acc. to DIN EN 60529
Weight:	~0.35 kg

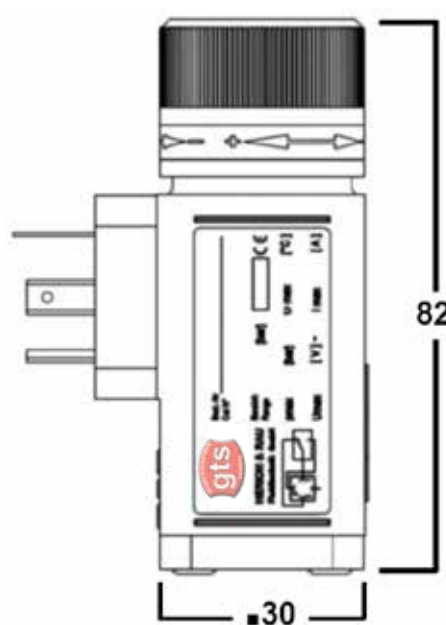
Electrical Connection Data – Dimensions

G1/4" Male



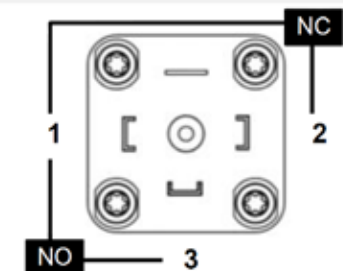
GTS HDS (male thread)

G1/4" Female



GTS PDS (female thread)

DIN EN 175301-803A



GTS GAUGES TRANSMITTERS SWITCHES

Ph: (08) 9250 4400 ▼ sales@gtsgauges.com.au ▼ www.gtsgauges.com.au