

IS-120

Tilt Sensor

IS Series

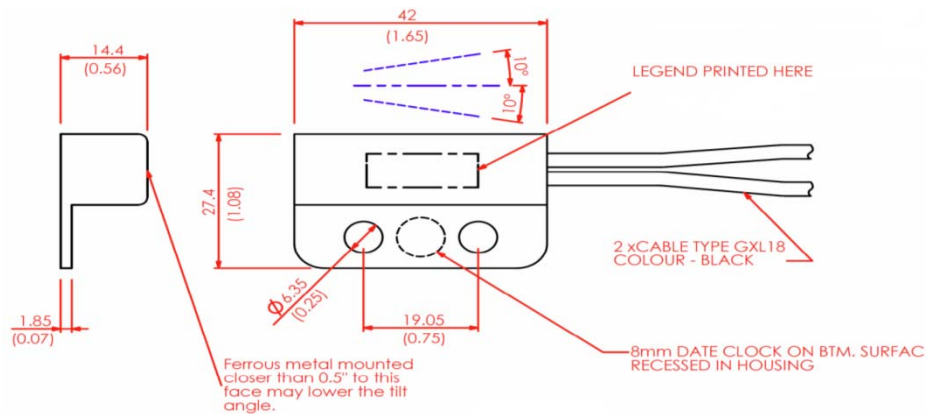
- Mercury free
- Compact design
- Reed Switch reliability



The IS-120

From our range of tilt switches offering design engineers reed switch reliability for low load switching.

dimensions



FEATURES

- Operates in Vertical Axis
- Operate (contacts close) before -10°
- Release (contacts open) before $+10^\circ$
- Lead end of sensor downward causes switch closure

APPLICATIONS

- Truck bonnet position
- Robotic arm position
- Container lid position

performance specifications

Material, Design and Operation

Mounting	Vertical
Housing Material	Nylon 6.6
Housing Colour	Black
Fitting	Surface
Switch Action	SPST
Contact Form	A
Contact Material	Ruthenium
Maximum Switching Volts (VAC)	N/A
Maximum Switching Volts (VDC)	48
Maximum Switching Current (Amp)	0.5
Maximum Power (Watt)	10
Connection Type	Stripped Cables
Cable Type	18GXL SAE J-1128
Cable Length	2 x 0.5M single insulated
Cable Colour	Black/Black
Operate Temperature Range	-40°C to +125°C
Shock / Vibration	Vertical Mount, 30g for 11ms half sine
Operate Mode	Operate <-10°, Release <+10°
IP Rating	IP65

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ordering info

The IS-120 is from our IS Series of Tilt Sensors.

The Series is available in alternative with a number of standard options including:

- Operate Angle
- Cable Termination

Please see the IS Series part number tree.