



HYDRO-LEK

REMOTE HANDLING SPECIALISTS



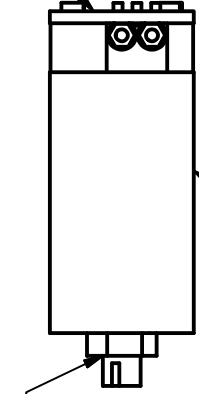
HLK-6520 Absolute Pressure Switch:

The Absolute Pressure Switch has been developed to monitor low pressures within sealed housings where inert gasses are present typically to protect gyroscopic equipment. The fully sensitive adjustable switch is referenced to absolute using evacuated bellows and can be set to monitor pressures ± 0.7 Bar either side of a standard atmosphere. Constructed from 316 SS the accuracy is better than $\pm 1\%$. The maximum switched voltage is 30V DC at 50mA.

Specification:

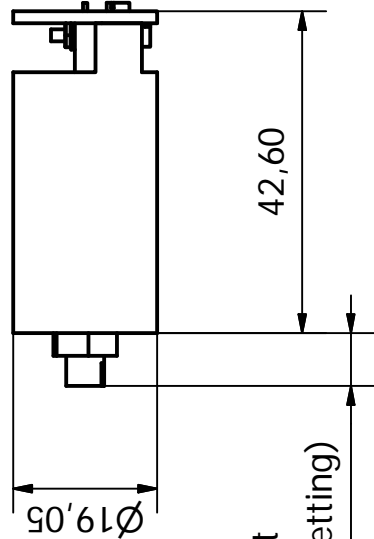
Dimensions	Length	53 mm
	Diameter	19.05mm
Weight	Weight	58 grams
Max working pressure	2 Bar	
Construction	316 SS	
Switch	30 VDC at 50mA	

Switch - PCB Assembly



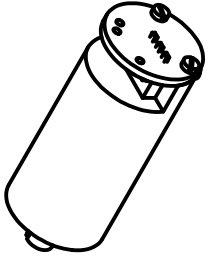
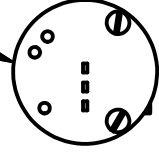
Setting adjuster & locking nut

Main Housing



7mm Nominal (± 3 mm dependent on final pressure setting)

Supplied with 1Metre flying leads (black & white twisted pair) attached to PCB assembly - not shown



Technical Specification

Pressure Range -10 to +10 PSIG
 Contact Rating ± 1 PSIG Adjustable
 Electrical Life 50mA @ 30V DC
 Temperature Range 30,000 operations
 Material -25 to +75° C
 316 Stainless Steel

Designed by	Checked by	Approved by	Date
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Hydro-Lek Limited, Falcon House Falcon Business Park, Ivanhoe Road Hogwood Lane Industrial Estate Finchampstead, Berks. RG40 4QQ Tel. 0118 9736903 Fax. 0118 9736915			Pressure Switch Data
HLK-6520		Edition	Sheet
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