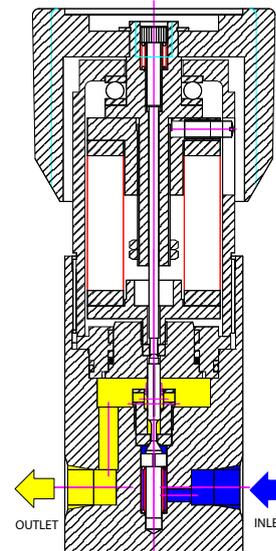


# LF-540 SERIES

'Low Flow' Pressure Reducing Regulator Piston Sensed for outlet control to 414bar / 6000psi



\* Assembly drawing for reference only. Refer to office for specific detail.

A compact and economical high pressure regulator with precision machined sensing elements to allow fine pressure control on pressures up to 414bar, which can be supplied as none venting or self venting (none adjustable).

## APPLICATIONS:

- Test and calibration systems
- Aircraft charging carts
- Valve Actuator Systems
- Gas Cylinder Regulator Assemblies

## FEATURES:

550bar / 8000psi inlet pressure  
 Economical Design  
 Precision machined sensing elements  
 Load bearings and large handwheel for low torque adjustment  
 Excellent sensitivity  
 Self venting and non venting options

## STANDARD MATERIALS OF CONSTRUCTION

Regulator part	Material
Body and Bonnet	316SS
Main valve pin	316SS
Seat	PEEK GF30
Valve spring	Inconel X750
Sensor and Holder	316SS
Handwheel	Nylon
Valve Cage and Seat Nut	316SS
Spring rests	316SS
'O' ring seals	NBR, Viton or EPDM
Adjusting screw	Alu Bronze
Loading Spring	302SS
Lubricant	Krytox GPL 205

NOTE: Product availability and specifications contained herein are subject to change without notice. Consult local distributor or factory for potential revisions and/or service related issues. // pg 1 of 2

PRESSURE TECH LTD, Unit 6, Graphite Way, Hadfield, Glossop, Derbyshire SK13 1QG  
 Tel: +44 (0)1457 899307 Fax: +44 (0)1457 899308  
 e-mail: info@pressure-tech.com



[www.pressure-tech.com](http://www.pressure-tech.com)

Designed and built in the UK



