XHR-301 SERIES - 'LOW FLOW' ELECTRIC AND STEAM HEATED REGULATOR PISTON SENSED FOR OUTLET CONTROL TO 150 BAR / 2175 PSI

SPECIAL FEATURES

- ATEX certified to EEx d IIC T3
- Dual, independent, 100 W heaters for pre heat and re-heat of sample gas.
- 316SS Piston sensed element for low torque adjustment and high pressure control
- Large surface area for heat transfer
- Easy to wire circuit board with 115 V or 230 V supply
- Stylish Junction Box with 7mm mounting supports.
- Fully serviceable design
- Optional entry points for cable supply

DESCRIPTION

Based on the proven heat transfer design of the XHR-300, the XHR-301 allows greater outlet pressures to 150 bar via its piston sensed element.

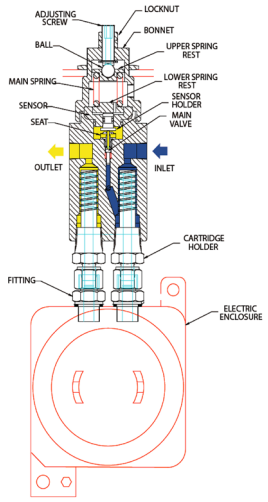
APPLICATION

- Natural Gas sample systems
- Oxygen sample systems
- Moisture sample systems

TECHNICAL DATA

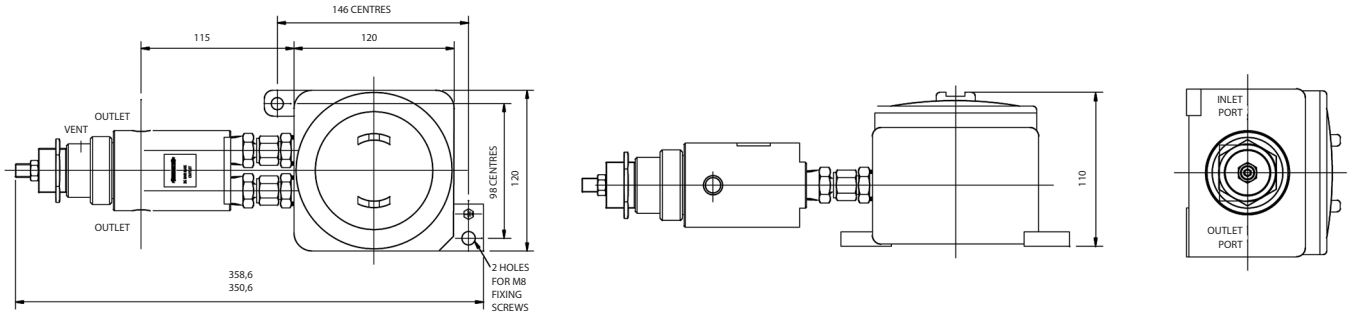
Max rated inlet pressure	300 bar (4350 psi) with PEEK seat
Outlet ranges	up to 150 bar (2175 psi)
Design Proof pressure	150% max WP
Leakage	Bubble tight at max WP (tested on Nitrogen)
Outlet Weight	4.1 kg (2 lbs)
STANDARD MATERIALS OF CONSTRUCTION	
Body and Bonnet/Main valve pin	316SS
Soft seat cone	PEEK
Valve spring	Inconel X750
Piston/Sensor Holder	316SS
Diaphragm washer	Brass
Cartridge Holder	316SS
'O' ring seals	Viton
Adjusting screw	Ali Bronze
Electric Enclosure	Coated Aluminium
Compression Fitting	316SS
Lubricant	Krytox GPL 205

NOTE: Product availability and specifications contained here in are subject to change without notice. Consult local distributor or factory for potential revisions and/or service related issues.



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

INSTALLATION DIMENSIONS:



ORDER CODE

Basic Model	Cv Value	Body material	Outlet ranges (Examples*)	Seat	Heat supply	Power cable supply	Porting configuration
XHR301	**06**	**SS**	**50**	**K**	**1**	**L**	**N**
XHR301	06 – 0.06	SS – 316SS	50: 0-50 bar/0-725 psi 75: 0-75 bar/0-1088 psi 100: 0-100 bar/0-1450 psi 150: 0-150 bar/0-2176 psi	K- PCTEE (max 210 bar inlet) P- PEEK (max 300 bar inlet)	1 – 115 V 2 – 230 V S – Steam	L – Left side R – Right side B – Bottom side	Check Page 47 = Gauge Port locations

* Maximum inlet pressure can be set to specific requirments