

# CLASSIC RANGES

## 18S Pressure sensor

-1 to 25 bar



Temperature compensated  
Vacuum and overpressure  
Robust design for pneumatic and industrial applications  
Electronic pressure sensors are components which are usually positioned next to the point of measurement. The

fluidic signal is converted into a standard pressure proportional analogue output signal of 4 to 20 mA by means of a piezo-resistant sensor and an electronic circuit, which amplifies, linearises and temperature compensates the signal

## STANDARD MODELS

Port size	Measuring range (bar) (Relative pressure)	Value max. (bar) (Over pressure)	MODEL DIN 43650	
G 1/4	-1 ... 1	10	0862081	M12x1* 0862082
Flange	-1 ... 1	10	0862085	0862086
G 1/4	0...10	30	0862181	0862182
Flange	0...10	30	0862185	0862186
G 1/4	0...25	40	0862381	0862382
Flange	0...25	40	0862385	0862386

\* M12x1 connector not included, please see table on the right

## M12 CONNECTORS

MODEL	Description
0523055	Straight, without cable
0523057	Straight, 2 m cable, 4-core
0523052	Straight, 5 m cable, 4-core
0523056	90° 1,5 m cable, 4-core
0523058	90° 2 m cable, 4-core
0523053	90° 5 m cable, 4-core

## AIRLINE

### B38 Stainless steel Filter-Regulators

1/4 PTF



Lloyds Register Type Approved  
Materials meet NACE\* recommendations (MR-0175, 2002 revision)

Suitable for marine, offshore, food processing and dental applications

\* National Association of Corrosion Engineers – recognised oil-field recommendation for resistance to sulphide stress cracking common in well-head and other corrosive environments

## STANDARD MODELS

Port size	Flow (dm³/s)	Element (µm)	Drain	Range (bar)	Operation	kg	MODEL	Service kit
1/4 PTF	8*	25	Manual	0,25 ... 7	Relieving	1,40	B38-244-B2KA	R38-101R & B38-100S (25)
1/4 PTF	8*	25	Manual	0,07 ... 4	Relieving	1,40	B38-244-B2FA	R38-101R & B38-100S (25)
1/4 PTF	8*	25	Auto	0,07 ... 4	Relieving	1,60	B38-244-A2FA	R38-101R & B38-100S (25)
1/2 PTF	50**	25	Manual	0,3 ... 9	Relieving	1,40	B38-444-M2LA #	2787-41 & 2787-44
1/2 PTF	50**	25	Auto	0,3 ... 9	Relieving	2,10	B38-444-A2LA ‡	2787-41 & 2787-44

Can be adjusted to zero outlet pressure, and, generally, to pressures in excess of those specified.

\* Typical flow with 7 bar inlet pressure, 1 bar set pressure and a droop of 0,05 bar.

\*\* Typical flow with 12 bar inlet pressure, 8 bar set pressure and a droop of 1 bar.

Drain kits: # Manual drain 2787-43

‡ Auto drain 3000-87

## FITTINGS

### 34 and 36 Compression fittings Metric and inch

Ø 4 to 28 mm O/D tube  
Ø 3/16" to 3/4" O/D tube



Wide range of types and sizes  
Rugged and durable  
Suitable for use under extreme conditions of temperature and pressure  
Ideal for most general industrial applications

For additional information on 34 and 36 Series please go to the url shown in this page.

For further information



www.norgren.com/info/nec/en236