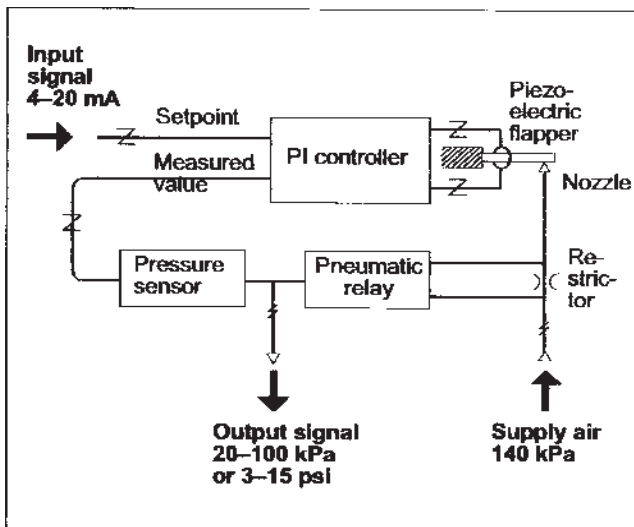
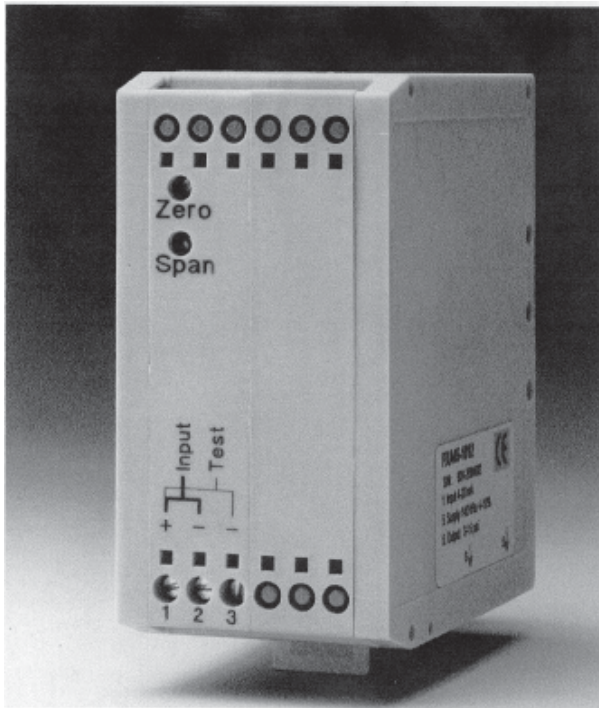


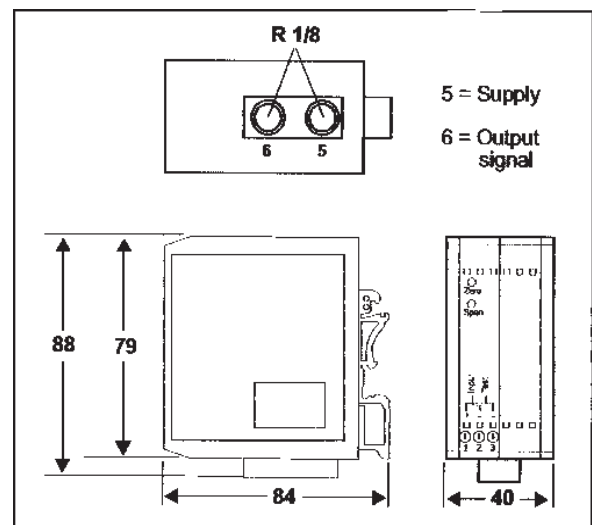
IXP50

I/P Converter

IXP50 is for use when a 4-20 mA analogue electrical signal is to be converted into a 20-100 kPa/3-15 psi pneumatic signal.



Schematic diagram



Dimensions

- Compact design.
- None vibration sensitive balance system.
- Input signal can be monitored whilst the unit is online.
- Multiple signal option.
- Externally accessible adjustment potentiometers.
- Regulated output signal using proven technology.
- Field mounted version.
- CE approved.

Technical data

Input signal:	2-wire system 4-20 mA, voltage drop <6,5 V.	Electrical interference:	Fulfills EN61326-1-2-3
Output signal:	20-100 kPa or 3-15 psi	Mounting:	On mounting rail DIN EN 500 35 or DIN EN 500 22
Inaccuracy:	Max deviation +/-0,5% of span	Dimensions:	See dimension drawing
Temperature coefficient:	<0,03% of span per C within 0-50 C	Connections:	See dimensions drawing
Air connection:	R 1/8" female thread	Weight:	0,3 kg
Supply air:	140 kPa +/- 10%	Accessories:	Manifold Field mounted design
Air consumption:	Approx. 0,15 m3/h free air at balance	Order code:	see below and
Ambient temperature:	Max. 50 C	Output signal 20-100 kPa	IXP50-1011
Protection class:	IP42 (IP66 field mounted)	Output signal 3-15 psi	IXP50-1012

Accessories

Manifold

Manifold sizes

Type	L ₁	L ₂
- 5	256	272
- 6	299	315
- 8	385	401

Signals

Input signal	Output signal	Order code (cabinet)	Order code (field mounted design)
4-20 mA	20-100 kPa		-2011
4-20 mA	3-15 psi		-2012
4-12 mA	20-100 kPa	-1031	-2031
4-12 mA	3-15 psi	-1032	-2032
12-20 mA	20-100 kPa	-1041	-2041
12-20 mA	3-15 psi	-1042	-2042
4-20 mA	60-100 kPa	-1013	-2013
4-20 mA	7-15 psi	-1014	-2014
4-20 mA	3-18 psi	-1015	-2015

Field mounted design
Protection class: IP66 operational
Size: B80 x H160 x D100

All measures are given in mm