



Cert. No. LRQ 0963008

ISO 9001

spirax/sarco

TI-P343-07
CH Issue 5

IPC4A and IPC4A-Ex Converters

Description

The IPC4A converter is a two wire, wall mounted, electropneumatic converter requiring a standard 4-20 mA input signal to provide a 0.2 to 1 bar compressed air output signal.

The converter is compatible with Spirax Sarco linear pneumatic actuators series PN5000 and PN6000 and the PP4 pneumatic positioner.

An intrinsically safe version type IPC4A-Ex is also available.

Applications

The convertor can be used with the following actuators:

Actuator types	PN5000 series
	PN6000 series

Technical data

Input signal range	4-20 mA
Output signal range	0.2 to 1 bar g
Supply air pressure	Minimum 1.4 bar g
	Maximum 3.5 bar g
Enclosure rating	IP54
Air consumption	0.25 Nm ³ /h (average)
Pneumatic connections	1/8" NPT
Electrical connections	PG9
Working temperature	-15°C to 65°C
Input impedance	220 ohms
I Max	50 mA
Linearity	0.5%
Hysteresis	0.2%

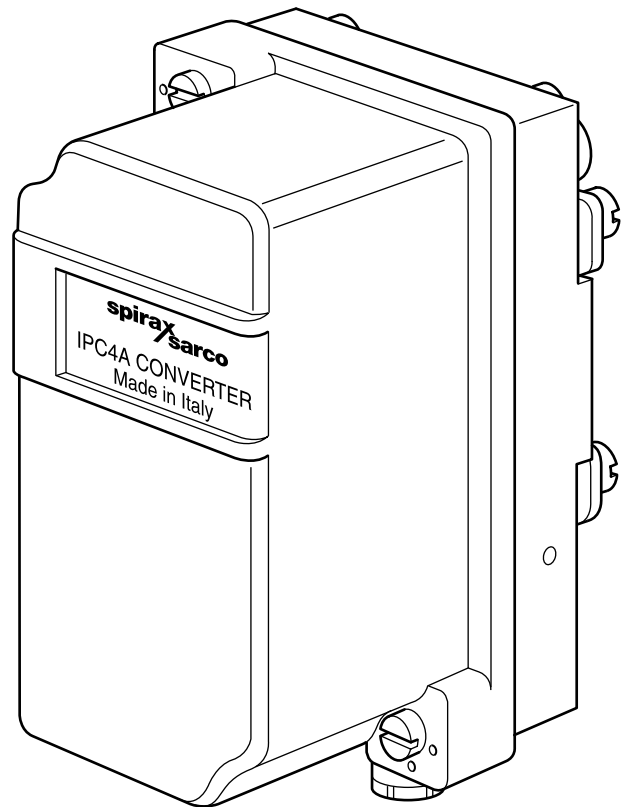
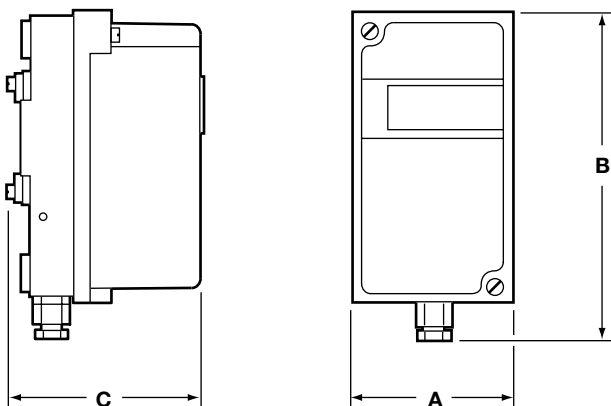
The IPC4A-Ex converter is certified as intrinsically safe to: EEx ib II C T4 II 2 G TÜV approval.

Materials

Base plate	Die cast aluminium with anti-corrosive paint
Cover	Reinforced polymer (ABS)

Dimensions/weight (approximate) in mm and kg

A	B	C	Weight
75	152	86	0.7

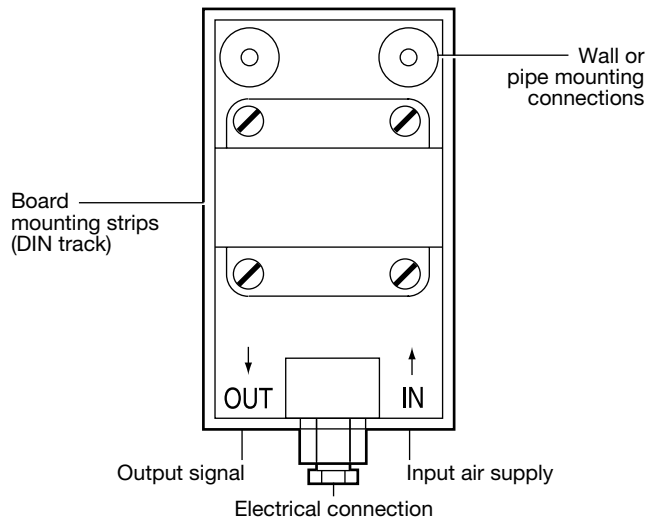


Safety information, installation and maintenance

Full details are contained in the appropriate Installation and Maintenance Instructions supplied with the product.

Air and electrical connections

Air connections 1/8" NPT
Electrical connection PG9



How to order example: 1 off Spirax Sarco IPC4A converter.

Local regulations may restrict the use of this product to below the conditions quoted.
In the interests of development and improvement of the product, we reserve the right to change the specification without notice.

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