

The Power Distributor and Isolator, model **IS400P**, can be used in two ways:

- ✓ to supply power to two-wire transmitters, providing isolation between input and outputs.
- ✓ to isolate a 4-20 mA or 1-5 Vdc signal between the input and outputs:

The power supply is also isolated from the input and outputs.



ORDERING CODE

IS400P	POWER DISTRIBUTOR AND ISOLATOR	
	CODE	INPUT
	0	4-20 mA (for signal isolation)
	1	1-5 Vdc (for signal isolation)
	2	4- 20 mA (integral Power Supply for 2-wire)
	CODE	OUTPUT
	0	4-20 mA / 4-20 mA
	1	1-5 Vdc / 4-20 mA
	2	1-5 Vdc / 1-5 Vdc

IS400P - 1 | 2 ← TYPICAL MODEL NUMBER

TECHNICAL SPECIFICATIONS

Power Supply: 24 Vdc \pm 10%.

Input:

4-20 mA using the integral power supply for two-wire transmitters.

4-20 mA (for signal isolation).

1-5 Vdc (for signal isolation).

Inputs for 0 to 20 mA and 0 to 5 Vdc can also be used, with the outputs being respectively 0 to 20 mA and / or 0 to 5 Vdc. According to the type used.

Integral Power Supply

Maximum External Load: 300 Ω (when used with LD301, TT300 and TT301 Transmitters Series).

Short-Circuit Current: approximately 40 mA.

Outputs A/B:

4-20 mA/4-20 mA.

4-5 Vdc/4-20 mA.

1-5 Vdc/1-5 Vdc.

The output negative terminals are interconnected.

Maximum load (current output): 750 Ω with power supply of 24 Vdc.

Observation: In case of the outputs A or B is not used, it should be jumped.

Minimum load (voltage output): 5 k Ω .

Accuracy: 0.15% of SPAN.

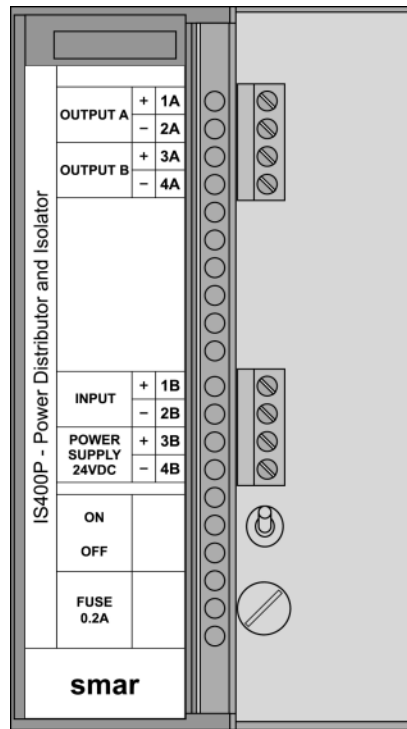
Maximum Power Consumption: 120 mA.

Insulation Resistance between power supply, input and outputs: 1000 k Ω at 500 Vdc.

Dielectric Strength: Between every terminals: 500 Vac for 1 minute.

Operation Temperature Range: 0-60 $^{\circ}$ C.

TERMINAL BLOCK



DIMENSIONS

Dimensions are mm (in)

