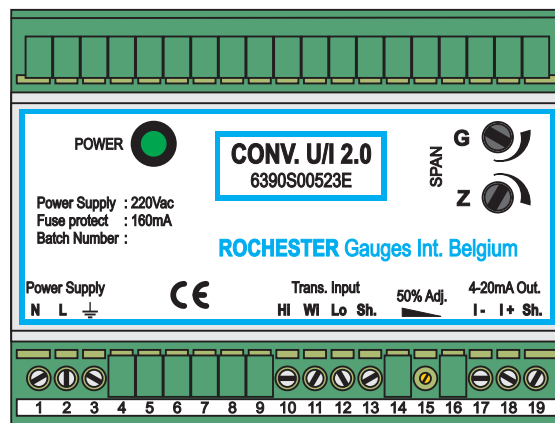




Voltage to 4-20mA Converter (CONV U/I 2.0)

APPLICATION :

When used in conjunction with a Rochester junior or senior Hall Effect transmitter (6320S*207*E) or a Rochester Magnetel Voltage Transmitter (6323S*0071*), this unit will convert the transmitter's signal into a 4-20mA signal proportional to the liquid level in cylindrical horizontal tank. This converter includes a 24Vdc power supply for the 4-20mA loop.



DESCRIPTION AND FEATURES :

- Plastic housing W=100mm, H=76mm & D=58mm for Din Rail mounting
- Connections on screw terminals for maximum 4mm² cable
- Power supply : 230Vac / 50Hz
- Current consumption : 50mA max.
- Maximum resistance of 4-20mA loop : 250Ω
- Maximum resistance of transmitter loop : ±200Ω (including line resistance of intrinsically safety barrier resistance)
- Fuse protection : glass tube fuse Ø5/20mm - 160mA Fast - 250V
- 50% adjustment + Zero and Gain Span (±3%)
- Temperature range : -20°C to +50°C

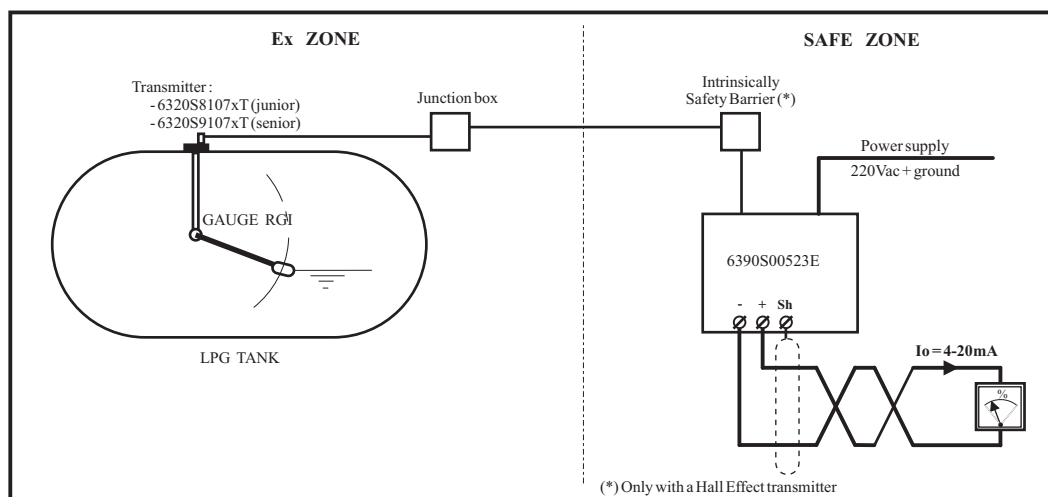
NOTE :

When used with junior and senior transmitter for flammable liquid, this converter should be used with intrinsically safety barrier (MTL : 7761ac for exemple).
This intrinsically safety barrier has 107 (Maximum) of internal resistance.
Rochester reference : 0146-00075E.

ORDERING INFORMATION :

Receiver model number (6390S00523E).
Transmitter type : junior or senior Hall Effect transmitter or Magnetel voltage (0-10V) transmitter.

TYPICAL APPLICATION OF 6390S00523E :



Typical application with a junior or a senior gauge