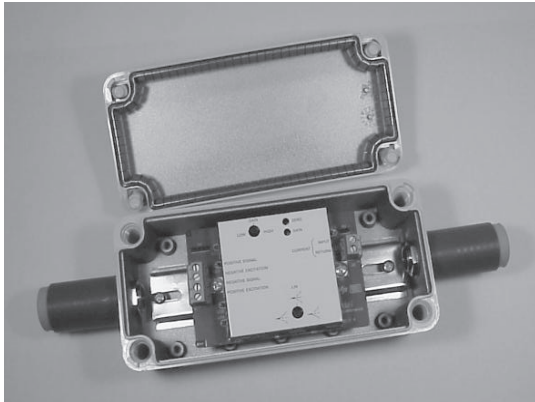


Transducer Transmitter



FEATURES

- ATEX approved EEx ia IIC T4
- IP67
- Well protected enclosure
- Two wires transmitter

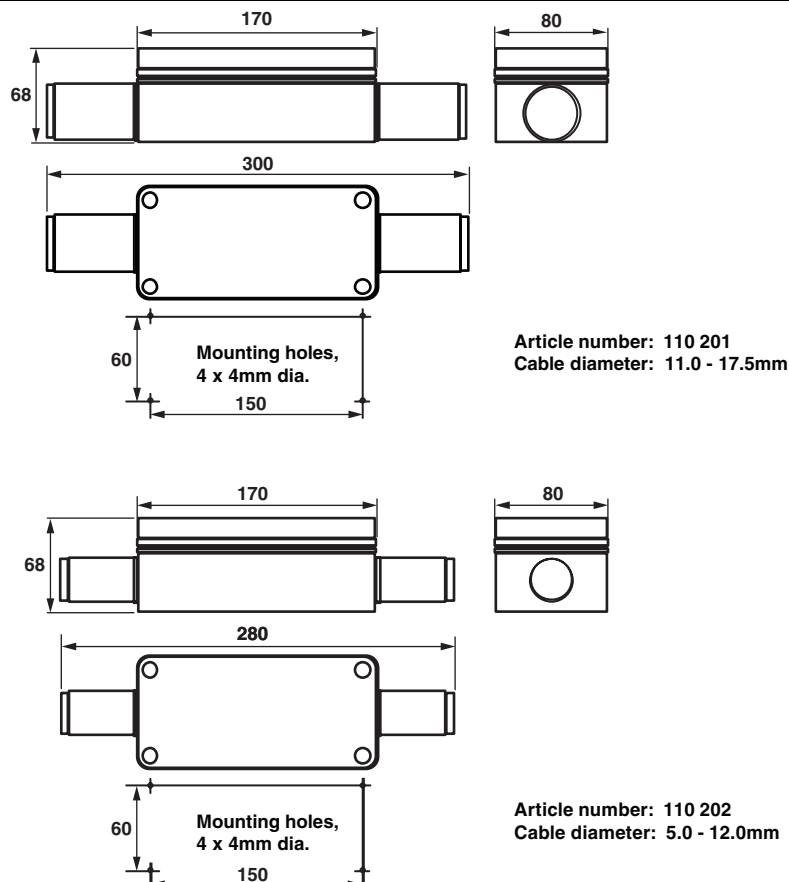
DESCRIPTION

BILT 4 is a two wire current loop transmitter designed for industrial applications by means of strain gage transducers. Build in a protected polycarbonate enclosure with protection from dust and humidity. BILT 4 is approved for ATEX areas.

APPLICATIONS

- Transducers in ATEX area
- Force measurement

OUTLINE DIMENSIONS in mm



SPECIFICATIONS			
PARAMETER	SYMBOL	VALUE	UNIT
Ex. safety description			
Ex approval		SP Ex 01.E.604	
EEx ia IIC T4		Intrinsically safe	
Temperature range	T_{amb}	-20 to +40	°C
	U_i	30	V
	P_i	1.30	W
	I_i	200	mA
	C_i	30.0	nF
	L_i	10.0	μH
Analog output			
Current		4 - 20	mA
Nonlinearity		<0.1	% of range
Transducer input			
Transducers		350 - 1000	Ω
Excitation		0.96	V DC
Signal input		0.4 - 3.8	mV/V
Zero adjustment (with 350 ohm transducer)		±0.58	mV/V
Calibration methods		Dead weight, shunt, and with transducer simulator	
Mechanical data			
Protection		IP67	
Art. No. 110 201: Dimension (incl. protection at cable glands) Cable diameter		300 x 80 x 68 11.0 - 17.5	mm mm
Art. No. 110 202: Dimension (incl. protection at cable glands) Cable diameter		280 x 80 x 68 5.0 - 12.0	mm mm
Environmental			
Operating temperature		-25 to +70	°C
In intrinsic safe circuit		-20 to +40	°C
Power supply - unregulated power supplies can not be used			
Voltage		8 - 30	V DC
Consumption		4 - 20	mA