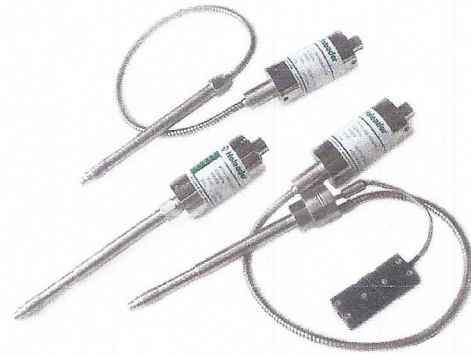


High Temperature Melt Pressure Transducer: Economic Series

(PT111, PT124, PT131 Output: 2mV/V)

Features:

- ◆ Output: 2mV/V
- ◆ Accuracy Level: $\pm 1.0\%$
- ◆ Internal Calibration: 80%
- ◆ Protection Level: IP65
- ◆ Various threaded connections



Available products type:

Straight-bar: Used for smaller space and flexible mounting

Hose (Soft tube plus rigid rod): Easy to install and use



Double measurement (Temperature and pressure integrated): Can measure temperature and pressure at the same time

Application:

Injection Moulding

Brief Description:

Products in Economic Series are specifically designed for pressure measurement at high temperature in the injection moulding industry, which makes it can work normally at high temperature up to 320°C . They are installed in the manner of standard threaded connection, and have many benefits like high stability and long service life.

Technical Parameter:

Attribute	Technical Parameter
Pressure Range	0-15MPa to 0-70MPa

Accuracy Level	±1.0%
Diaphragm Material	17-4PH
Overload Capacity	1.5 times of rated pressure
Bridge Resistance	350±2Ω
Output	2mV/V
Supply Voltage	10Vdc
Process Connection	1/2-20UNF、M14×1.5、M22×1.5
Signal Calibration	80% of rated pressure
Electrical Connection	5PIN
Diaphragm Temperature Resistance	320℃
Electrical Environmental Temperature	-20℃—85℃
Temperature Drift	0.06bar/℃
Protection Level	IP65
Mounting Torque	Maximum: 40N.m
Responding Time	<10mS
Temperature Measurement Component	TC: J/K/E-type

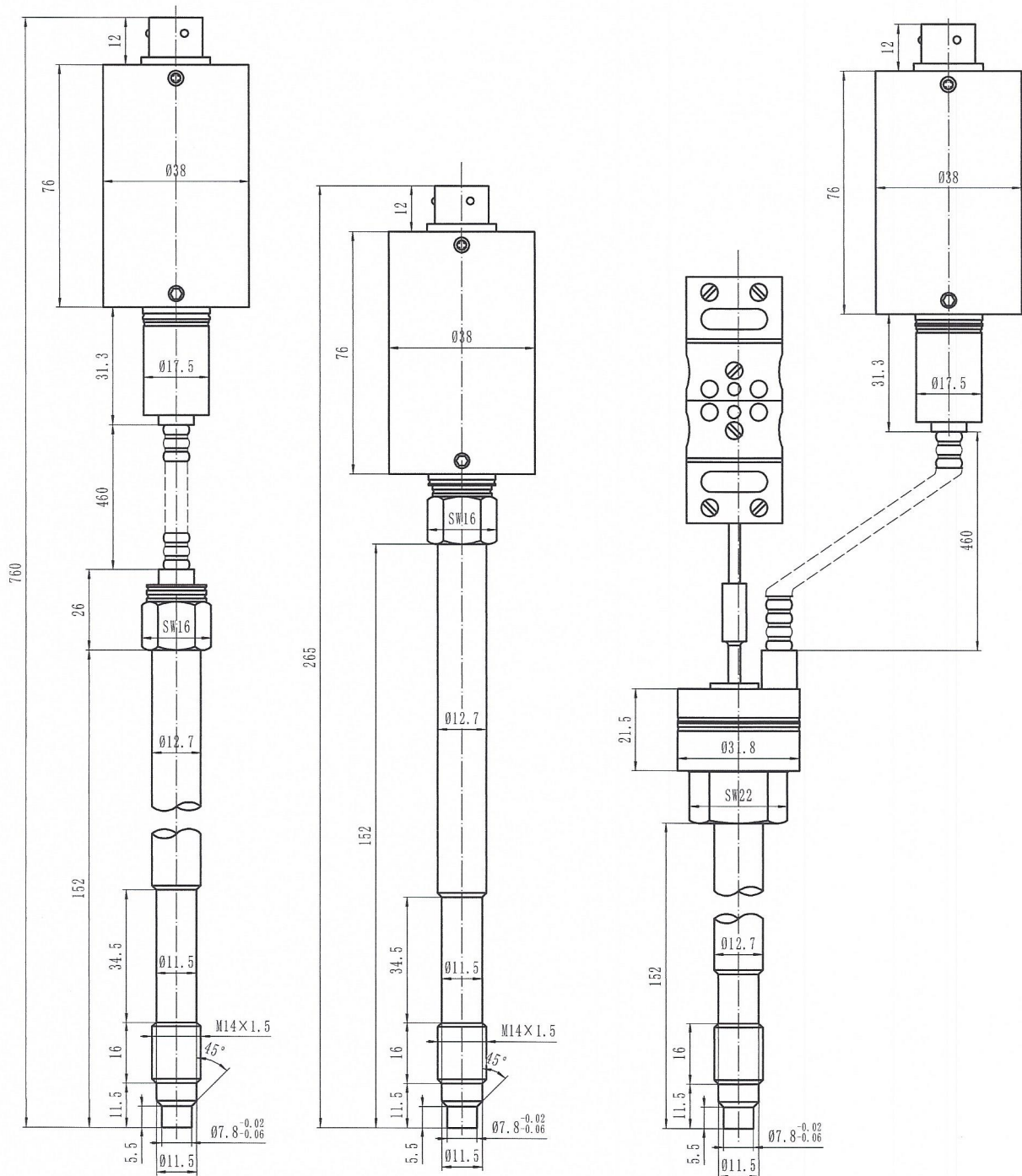
Selection Guide

Code		PT	X	X	X	X	X	X
Type	Rigid rod		111	↑	↑	↑	↑	↑
	Soft tube		124					
	Double measurement		131					
Range	0-15MPa			2.1M				
	0-20MPa			3M				
	0-25MPa			3.5M				
	0-35MPa			5M				
	0-50MPa			7.5M				
	0-70MPa			10M				
Process Connection	1/2-20UNF							
	M14×1.5				M14			
	M22×1.5 (flexible)				M22			
Rod length	152mm (6inch)					6		
Tube length	0mm (6inch) (Only suitable for 111 ser.						/	
	460mm (18inch)						/ 18	
Temp. Measurer	J							J
	K	Only suitable for 131 series						K
	E							E

Accessories Option:

- ◆ Mounting Bracket: SF10
- ◆ 1/2-2- UNF cleaning tool: CT12
- ◆ M14×1.5 cleaning tool: CT14
- ◆ Cable: Refer to Cable Selection Guide

Dimension



E-Connection

