

PRESSURE TRANSMITTER

WITH GAUGE

ETRANS – P07 PRESSURE TRANSMITTER Datasheet

Precise Measurement,
Ultimate Control

www.enelean.com



Pressure Transmitter

MODEL Etrans- P07



Application Areas

Hydraulic systems
Oil & gas industry
Process industry
Water and wastewater systems
Industrial automation
Tank and pipeline monitoring

Features

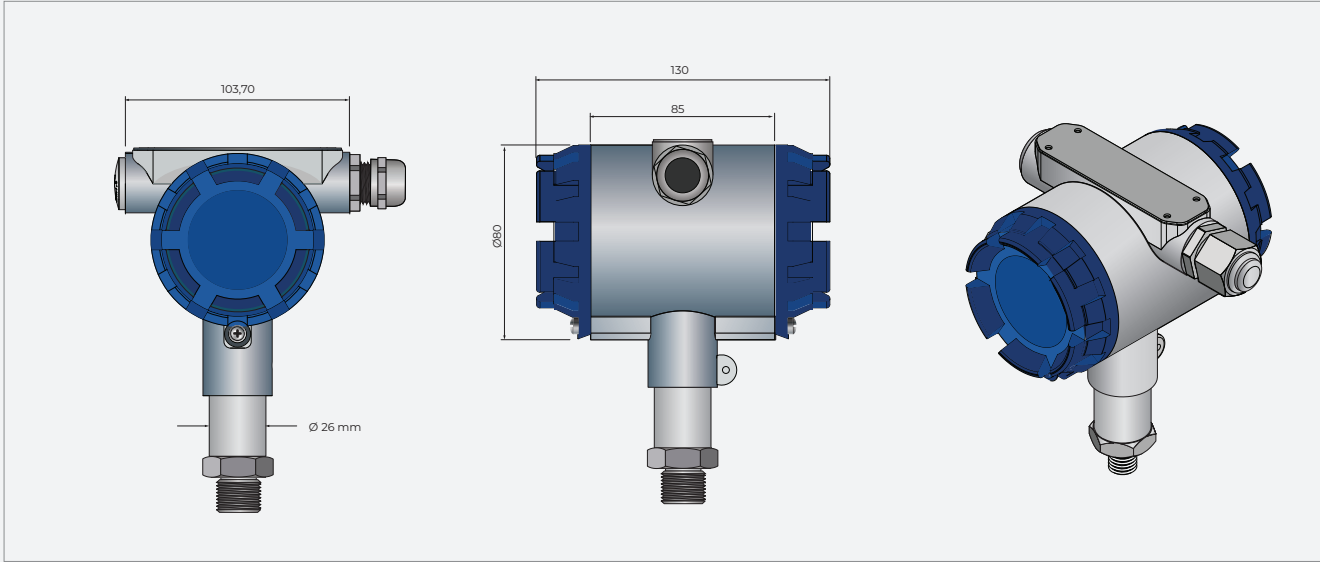
- Wide pressure range up to 2000 bar
- 4–20 mA (standard), HART communication (optional)
- High accuracy up to $\pm 0.2\%$ FS
- Supports gauge and absolute pressure measurement
- Piezoresistive sensing technology
- On-site configuration via push buttons
- High overpressure resistance ($2 \times$ FS)
- Robust aluminum housing
- Wetted parts in Stainless steel
- High temperature resistance (up to 80°C process)
- Protection class IP67
- Wide supply voltage range (10...36 VDC)
- Multiple process connection options (thread, flush, clamp, flange)
- Excellent long-term stability

Description

The Enelsan Etrans-P07 Pressure Transmitter is designed for precise and stable pressure measurement in industrial applications. The device utilizes piezoresistive sensing technology and supports both gauge and absolute pressure measurement. It provides a standard 4–20 mA analog output with HART communication protocol. The transmitter is constructed with a robust aluminum housing and 316L stainless steel wetted parts, ensuring durability in demanding environments. With an accuracy of up to $\pm 0.2\%$ FS, high overpressure resistance, and excellent long-term stability, the Etrans-P07 ensures reliable performance under harsh operating conditions.



Structure



Pressure Range (BAR)	Min. -1 / Max. 2000
Overload (BAR)	2 × FS

TECHNICAL FEATURES

Measuring Principle	Piezoresistive
Measurement Type	Gauge / Absolute Pressure
Measuring Range	Max. 2000 BAR
Current Output	4-20 mA / 0-10V
Accuracy	≤ ±0.2% FS
Zero Point	±0,2 mV/V
Temperature Effect (Zero)	±0,02 % FS / K
Output Signal	4-20 mA + HART (standard)
Supply Voltage	10...36 VDC
Electrical Connection	M20x1.5
Process Temperature	-40°C ... +80°C
Protection Class	IP67
Housing Material	Aluminum
Process Conn.Material	Stainless Steel 316L, Ceramic
Sealing	Viton /NBR
Process Connection	Thread, flush, clamp, flange
Dimensions	Ø26mm
Weight	~0.6 kg

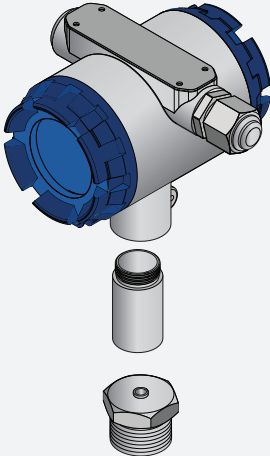
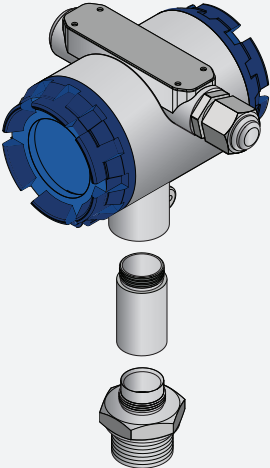
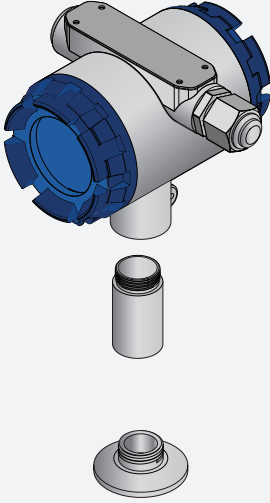
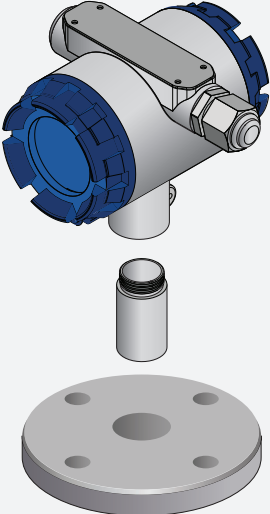
Pressure Tranmitter
MODEL Etrans- P07



MECHANICAL CONNECTION

Dimensions (mm)			
Connection Types	 Thread		 Thread
	 Clamp	 Fush	

OTHER CONNECTION METHODS

	
Thread	Push
	
Clamp	Flange

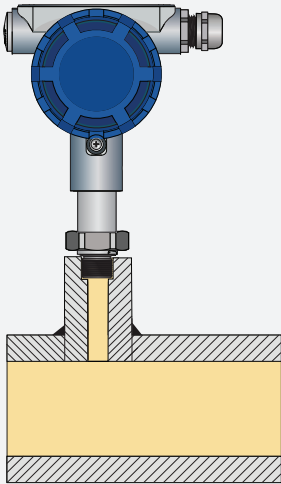
Pressure Transmitter
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Mounting Method

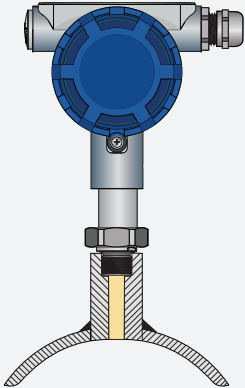
Pipeline installation

90°



Pipeline installation

90°



Contact us

Enelsan Istanbul Office Address
Şerifali, Barbaros Cd. No: 60, 34775 Ümraniye/İstanbul

Enelsan Factory 1 Address
Çerkeşli OSB Mahallesi İmes 4 Bulvarı No: 11 Dilovası/Kocaeli

Enelsan Factory 2 Address
Çerkeşli OSB Mahallesi İmes 14. Cadde No: 17 Dilovası/Kocaeli

Phone: +90 262 754 63 13
Fax: +90 262 754 93 93
sales@enelsan.com