

PRESSURE METERS • PRESSURE TRANSMITTERS

IIT-2166-F Hydraulic Pressure Transducer

II-PT-002

Model ZT-2166-F

Pressure transducer



Full specification, variants, open points and ordering information. Compact 0–250 bar loop-powered transducer with braided cable, built for hydraulic service.

ENQUIRIES

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ISSUED

24 October 2026

IIT-2166-F Hydraulic Pressure Transducer

Indiana catalogue ID **II-PT-002** Manufacturer model **ZT-2166-F** Pressure Meters · Pressure transmitters

IDENTIFICATION

Product	IIT-2166-F Hydraulic Pressure Transducer
Indiana catalogue ID	II-PT-002
Manufacturer model	ZT-2166-F
Category	Pressure Meters · Pressure transmitters
Measuring principle	Pressure transducer
Model line	IIT-2166-F
Document	Specification · issued 24 October 2026

01 Measurement

Product type	Pressure transducer
Display	No display
Pressure range	0–250 bar
Accuracy	±1% F.S. or better
Medium temperature	–20 °C to +100 °C

02 Electrical

Output	4–20 mA, two-wire loop powered
Supply voltage	24 V DC
Cable	5 m integral cable with stainless-steel braided mechanical protection

03 Mechanical

Process connection	1/4" BSP male
Wetted parts material	SS316L
Protection class	IP67
Shock resistance	100 g
Vibration resistance	10 g

04 Applications and industries

APPLICATIONS

- Hydraulic systems in coal handling plants
- Hydraulic power units
- Industrial machinery
- General plant pressure monitoring where a rugged 4–20 mA signal is required

INDUSTRIES

Power generation

Coal handling

Heavy machinery

05 Views



PRIMARY VIEW IIT-2166-F pressure transducer with stainless-steel braided cable
Product photograph



ALTERNATE VIEW IIT-2166-F hydraulic pressure transducer
Product photograph



APPLICATION Plant room with pipework, valves and pumps — illustrative environment, not an installation of this product
Illustrative scene

06 Ordering

Quote reference	II-PT-002 · model ZT-2166-F
Model / variant options	IIT-2166-F
Lead time, terms, documentation	Confirmed in the quotation

TO PREPARE A QUOTATION WE NEED

- Pressure range required
- Process connection and thread standard
- Cable length

- Medium and its temperature
- Supply voltage available at the loop

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QUOTATION

List the product, ID and quantity; add process conditions. We reply with a quotation.

CONFIRM BEFORE ORDERING

- Check the final installation against the project datasheet, process conditions, connection standard and electrical loop requirements. Dimensional drawings and calibration certificates can be supplied as applicable.

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