

Ceraphant T PTP31



More information and current pricing:

www.au.endress.com/PTP31

Benefits:

- Integrated switching electronics for decentral and economic process monitoring and control
- Function check and information on site thanks to LEDs and digital display
- Overload-resistant sensor up to 400bar
- Small flush mounted process connections

Specs at a glance

- Measuring cell 1bar...400bar (15psi...6000psi)

Field of application: The Ceraphant PTP31 is a price-attractive pressure switch with piezoresistive sensor for safe measurement and monitoring of absolute and gauge pressure. The pressure switch with compact design is extremely stable and overload resistant for up to 400 bar.

Features and specifications

Pressure

Measuring principle

Pressure switch

Characteristic

Intelligent pressure switch with piezoresistive sensor, longterm stable and overload resistant

Supply voltage

12...30VDC

Reference Accuracy

0,5%

Long term stability

0,15% of URL/year

Pressure

Process temperature

-40°C...100°C
(-40°F...212°F)

Ambient temperature

-40°C...85°C
(-40°F...185°F)

Measuring cell

1bar...400bar
(15psi...6000psi)

Max. overpressure limit

600bar (9000psi)

Process connection

Threads

Communication

1x PNP switch
2x PNP switch
1x PNP switch + 4...20mA analogue

Design approvals

EN10203-3.1

Specialities

Digital display
Robust SS-housing with Ra < 0,8 micron

Successor

PTP31B

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