

# Ceraphant T PTP31



Thông tin thêm và mức tính giá hiện tại:

[www.apsc.endress.com/PTP31](http://www.apsc.endress.com/PTP31)

## Lợi ích:

- 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

## Tổng quan về thông số kỹ thuật

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

**Phạm vi ứng dụng:** 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.

## Tín năng và thông số kỹ thuật

### Pressure

#### Measuring principle

#### 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)

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**Ambient temperature**

-40°C...85°C  
(-40°F...185°F)

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**Measuring cell**

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

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**Max. overpressure limit**

600bar (9000psi)

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**Process connection**

Threads

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**Communication**

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

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**Design approvals**

EN10203-3.1

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**Specialities**

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

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**Successor**

PTP31B

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