

Архангельск (8182)63-90-72  
Астана (7172)727-132  
Астрахань (8512)99-46-04  
Барнаул (3852)73-04-60  
Белгород (4722)40-23-64  
Брянск (4832)59-03-52  
Владивосток (423)249-28-31  
Волгоград (844)278-03-48  
Вологда (8172)26-41-59  
Воронеж (473)204-51-73  
Екатеринбург (343)384-55-89  
Иваново (4932)77-34-06

Ижевск (3412)26-03-58  
Иркутск (395)279-98-46  
Казань (843)206-01-48  
Калининград (4012)72-03-81  
Калуга (4842)92-23-67  
Кемерово (3842)65-04-62  
Киров (8332)68-02-04  
Краснодар (861)203-40-90  
Красноярск (391)204-63-61  
Курск (4712)77-13-04  
Липецк (4742)52-20-81  
Киргизия (996)312-96-26-47

Магнитогорск (3519)55-03-13  
Москва (495)268-04-70  
Мурманск (8152)59-64-93  
Набережные Челны (8552)20-53-41  
Нижний Новгород (831)429-08-12  
Новокузнецк (3843)20-46-81  
Новосибирск (383)227-86-73  
Омск (3812)21-46-40  
Орел (4862)44-53-42  
Оренбург (3532)37-68-04  
Пенза (8412)22-31-16  
Казахстан (772)734-952-31

Пермь (342)205-81-47  
Ростов-на-Дону (863)308-18-15  
Рязань (4912)46-61-64  
Самара (846)206-03-16  
Санкт-Петербург (812)309-46-40  
Саратов (845)249-38-78  
Севастополь (8692)22-31-93  
Симферополь (3652)67-13-56  
Смоленск (4812)29-41-54  
Сочи (862)225-72-31  
Ставрополь (8652)20-65-13  
Таджикистан (992)427-82-92-69

Сургут (3462)77-98-35  
Тверь (4822)63-31-35  
Томск (3822)98-41-53  
Тула (4872)74-02-29  
Тюмень (3452)66-21-18  
Ульяновск (8422)24-23-59  
Уфа (347)229-48-12  
Хабаровск (4212)92-98-04  
Челябинск (351)202-03-61  
Череповец (8202)49-02-64  
Ярославль (4852)69-52-93

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# Pressure Sensors Industrial Pressure Measurement in Fluids and Gases



Давление является одним из наиболее часто измеряемых значений в промышленности. Давление, которое необходимо контролировать и измерять, можно найти везде — на прессах, в контурах охлаждения или резервуарах для хранения. Обширный ассортимент датчиков давления от Turck предлагает решения для промышленного применения и для мобильного оборудования. Различные технологические соединения, выходные сигналы и широкий ассортимент диапазонов давления позволяют найти идеальный датчик для любого применения. Датчики давления серий PS510 и PS310 оснащены интеллектуальными функциями IO-Link, что делает их идеальными для соответствия требованиям Индустрии 4.0.

# Pressure Sensors for Numerous Applications

Pressure is one of the factors that needs to be most frequently detected and monitored in the process - and manufacturing industry. Whether in standard applications or under special conditions, each application requires a perfect solution for its needs.

Therefore, high-quality materials, flexible process connections, easy programming as well as high accuracy and multiple display functions are the essential features of Turck pressure sensors.

## Market-driven solutions

With a comprehensive standard portfolio of pressure sensors, Turck offers technically as well as economically attractive solutions for a wide range of pressure measuring tasks. In high-volume projects as well as in smaller quantities, you benefit of the highest quality at competitive prices.

## Low storage costs

The underlying concept of the pressure sensor portfolio is to solve the diverse requirements with a minimum number of device types. This reduces the complexity of inventory and thus the cost of the handling and holding of various device variants.





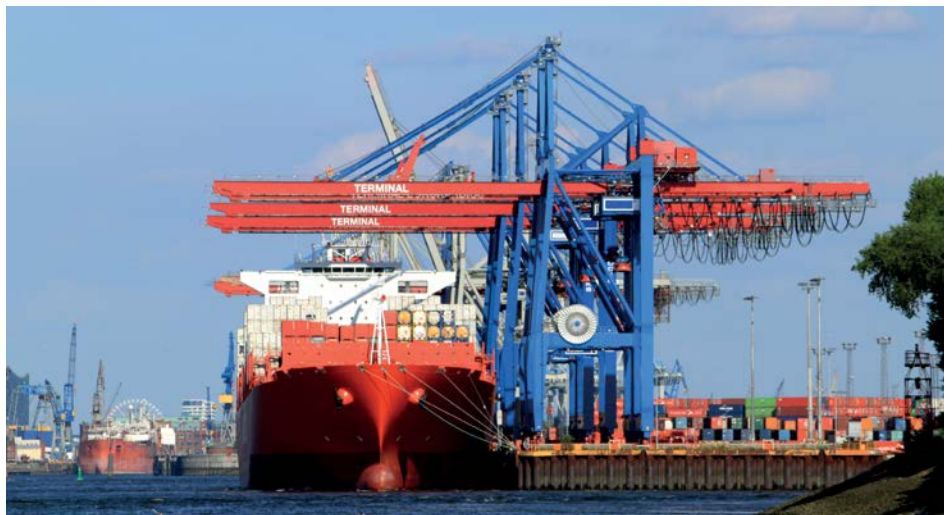
### Reliable measurement technology

In the development of the electronics and the housing it was a major demand that harsh application conditions such as aggressive media or change of environmental conditions do not affect the accurate and reliable function of the sensors.



### Certified quality

With several international approvals, the pressure sensors are versatile usable and a highly reliable and safe instrument for demanding pressure sensing in plant and machine construction.



### Made-to-measure solution

With the Turck product portfolio, you solve an enormous variety of pressure measuring tasks in the most diverse applications. With regards to customer-specific requirements not covered by the standard, we develop the optimum solutions for you in technical and economic terms.



# PS Series

## The robust all-rounder



- -1...600 bar relative pressure
- Accuracy 0.5 % f.s.
- 0...16 bar absolute pressure
- Very high overload capacity
- Fully potted IP69K
- Stainless steel housing 1.4305 (AISI 303) or 1.4404 (316 L)
- Rotatable sensor body
- IO-Link
- ATEX certified

If high chemical resistance, durability and reliability are required, the PS series is optimally suited. Especially designed to function reliably in the harshest environments, neither dust, water, aggressive oils or alkalis can affect the operation of the PS sensors. Short delivery times, variable process connections and a wide range of output types make the PS sensors reliable all-rounders.



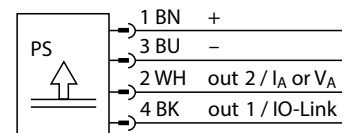
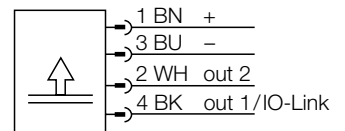
**PS 010V - 3 01 - LI2UPN 8 X - H1 1 4 1 / 3GD**

**PS 010V** Pressure sensor - **3 01** Type/Pressure connection - **LI2UPN 8 X** Electrical version -

- Measuring range**
  - 01VR -1...0 bar g <sup>1)</sup>
  - 001R 0...1 bar g <sup>1)</sup>
  - 0.25VR -0.25...0.25 bar g
  - 001A 0...1 bar a
  - 003A 0...2.5 bar a
  - 010A 0...10 bar a
  - 016A 0...16 bar a
  - 001V -1...1 bar g <sup>1)</sup>
  - 003V -1...2.5 bar g <sup>1)</sup>
  - 010V -1...10 bar g
  - 016V -1...16 bar g
  - 025V -1...25 bar g
  - 040V -1...40 bar g
  - 100R 1...100 bar g
  - 250R 1...250 bar g
  - 400R 1...400 bar g
  - 600R 1...600 bar g <sup>2)</sup>
- Functional principle**
  - PS Pressure sensor

- Pressure connection**
  - 01 G1/4" female thread
  - 02 1/4"-18NPT female thread
  - 03 1/4"-18NPT male thread
  - 04 G1/4" male thread
  - 05 7/16" UNF male thread (only for design 5)
  - 06 G3/4" male thread front-flush (only for design 6)
  - 07 1 1/2" Tri-Clamp (only for design 6)
  - 08 G1/2" male thread manometer connection (only for design 5)
  - 09 G1/2" male thread front-flush (only for design 6)
  - 10 R1/4" male thread
  - 11 R1/4" female thread
- Design**
  - 3 adjustable, with display, non-rotatable sensor body
  - 5 adjustable, with display, rotatable sensor body
  - 6 adjustable, with display, rotatable sensor body, with front-flush membrane

- with LED indicator
- Operating voltage**
  - 8 15 (18)...30 VDC
- Output type**
  - 2UPN 2 switching outputs/IO-Link
  - LI2UPN current or voltage and switching output/IO-Link

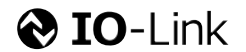


1) not available for PS...609  
2) not available for design 6

**H1 1 4 1** Electrical connection / **3GD** Special type

- Assignment**
  - 1 standard assignment
- Number of contacts**
  - 4 4-pin
- Connector type**
  - 1 straight
- Connector type**
  - H1 receptacle, M12 x 1
- Special type**
  - 3GD Ex zone

# PC Series



## The smart IO-Link pressure transmitter

- -1...600 bar relative pressure
- Ceramic measuring cell with switchpoint accuracy 0.5 % f.s.
- IO-Link
- Full stainless steel housing 1.4305
- Protection class IP69K
- Compact and rugged design
- Excellent EMC properties
- 2 switching outputs or communication via IO-Link

With its compact, display-less design in a full stainless steel housing, the sensors of the PC series are particularly resilient. For the smart connection of the PC series IO-Link is available as output signal. IO-Link simplifies the exchange of information, as well as parameterization and thus reduces the operation and maintenance effort considerably. In addition to IO-Link there are also switching outputs available.



**PC 250R - 2 01 - 2UPN 8 X - H1 1 4 1**

**PC 250R** Functional principle - **2 01** Mechanical version - **2UPN 8 X** Electrical version -

**Measuring range**

- 01VR -1...0 bar g
- 001R 0...1 bar g
- 001V -1...1 bar g
- 003V -1...2.5 bar g
- 010V -1...10 bar g
- 016V -1...16 bar g
- 025V -1...25 bar g
- 040V -1...40 bar g
- 100R 1...100 bar g
- 250R 1...250 bar g
- 400R 1...400 bar g
- 600R 1...600 bar g

**Functional principle**

PC Pressure switch

**Pressure connection**

- 01 G $\frac{1}{4}$ " female thread
- 02  $\frac{1}{4}$ "-18 NPT female thread
- 03  $\frac{1}{4}$ "-18 NPT male thread
- 04 G $\frac{1}{4}$ " male thread
- 10 R $\frac{1}{4}$ " male thread
- 11 R $\frac{1}{4}$ " female thread

**Design**

- 2 cylinder without display

**Electrical version**

- X with LED indicator
- 8 15...30 VDC
- 2UPN 2 switching outputs

**H1 1 4 1** Electrical connection

**Assignment**

- 1 standard assignment

**Number of contacts**

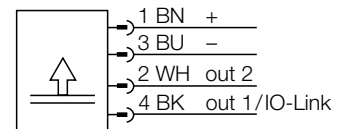
- 4 4-pin

**Connector type**

- 1 straight

**Connector type**

- H1 receptacle, M12 x 1



# PT-2 Series

## The front-flush type for viscous media



- -1...400 bar relative pressure
- Accuracy 0.5 % f.s.
- Stainless steel 1.4435 (AISI 1.4542)
- Protection class IP67
- Fully welded construction
- Excellent EMC properties
- -40...+85 °C media temperature
- 4...20 mA

The sensors of the PT-2 series are particularly suitable for highly viscous, fibrous or crystallization-prone fluids. The front-flush design prevents dead spaces where deposits can adhere. This makes the devices especially suitable for adhesive application. Thanks to the fully welded housing the PT-2 sensors measure reliably, even under very harsh application conditions.



**PT 010R - 2 6 - LI3 - H1 1 4 1**

**PT 010R** Functional principle - **2 6** Mechanical version - **LI3** Electrical version -

### Measuring range

- 010R 0...10 bar g
- 016R 0...16 bar g
- 025R 0...25 bar g
- 040R 0...40 bar g
- 060R 0...60 bar g
- 100R 0...100 bar g
- 160R 0...160 bar g
- 250R 0...250 bar g
- 400R 0...400 bar g

### Functional principle

PT Pressure transmitter

### Pressure connection

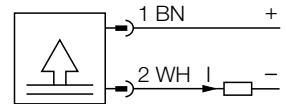
- 6 G $\frac{3}{4}$ " male thread, front-flush
- 9 G $\frac{1}{2}$ " male thread, front-flush

### Design

- 2 front-flush membrane, cylinder without display

### Electrical version

- LI2 4...20 mA 3-wire
- LI3 4...20 mA 2-wire



**H1 1 4 1** Electrical connection

### Assignment

- 1 standard assignment

### Number of contacts

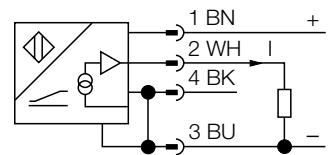
- 4 4-pin

### Connector type

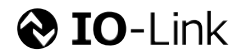
- 1 straight

### Connector type

- H1 receptacle, M12 x 1



# PK-N/PK-P Series



The specialist for pick-and-place applications

- -1...12 bar relative pressure
- Accuracy 0.2 % f.s.
- NC/NO programmable switchpoints
- 2 switching outputs (PNP) or 1 switching output and IO-Link
- Protection class IP65
- Shock and vibration proof
- Nano lightweight design
- Response time < 2.5 ms (200 Hz)
- Programmable keylock
- Suitable for dry/oiled air and inert gases

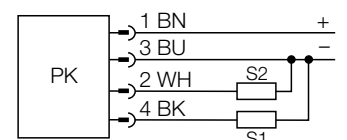
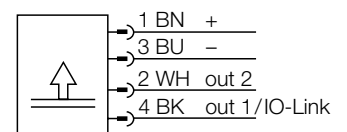
The PK series has been developed specifically for the requirements in pneumatic applications. Compact, precise and lightly built, the sensors are suited for versatile use in the field of handling and automation systems. The sensors feature two switching outputs, which can be programmed in the hysteresis function as openers or closers



**PK 01VR - N 12 AL - 2UP 8 X - V1 1 4 1**

| PK 01VR   | Functional principle  | - | N 12 AL   | Mechanical version   | - | 2UP 8 X  | Electrical version  | -  |  |
|---|---|---|---|--|---|--|---|--|--|
| <ul style="list-style-type: none"> <li>Measuring range</li> <li>01VR -1...0 bar g</li> <li>01V -1...1 bar g</li> <li>010R 0...10 bar g</li> <li>10V -1...10 bar g</li> <li>012R 0...12 bar g</li> </ul> | <ul style="list-style-type: none"> <li>Functional principle</li> <li>PK Pressure sensor, compact</li> </ul> |   | <ul style="list-style-type: none"> <li>Housing material</li> <li>blank Plastic (Design P)</li> <li>AL Aluminium (Design N)</li> </ul> | <ul style="list-style-type: none"> <li>Pressure connection</li> <li>12 G<math>\frac{1}{8}</math>" female thread</li> <li>13 G<math>\frac{1}{8}</math>" male thread</li> <li>14 NPT<math>\frac{1}{8}</math>" male thread</li> </ul> |   | <ul style="list-style-type: none"> <li>Indication</li> <li>X... LED display</li> </ul> | <ul style="list-style-type: none"> <li>Voltage range</li> <li>8 15 (18)...30 VDC</li> </ul> | <ul style="list-style-type: none"> <li>Output type</li> <li>2UP 2 switching outputs PNP</li> <li>2UPN 2 switching outputs/IO-Link</li> </ul> |  |
|   |   |   | <ul style="list-style-type: none"> <li>Design</li> <li>N Cylinder, axial display</li> <li>P Cylinder, radial display</li> </ul>       |  |   |  |   |  |  |

| V1 1 4 1 | Electrical connection  |
|----------|--|
|          | <ul style="list-style-type: none"> <li>Assignment</li> <li>1 standard assignment</li> </ul>  |
|          | <ul style="list-style-type: none"> <li>Number of contacts</li> <li>4 4-pin</li> </ul>        |
|          | <ul style="list-style-type: none"> <li>Connector type</li> <li>1 straight</li> </ul>         |
|          | <ul style="list-style-type: none"> <li>Connector type</li> <li>V1 receptacle, M8*</li> </ul> |



\*M12 x 1 optional



# PT1000/PT2000



## For the most demanding applications in machine construction

- -1...1000 bar relative pressure
- 0...16 bar absolute pressure
- For media temperatures in the range of -40...+135 °C
- Compact space-saving design
- Stainless steel 1.4404/AISI 316L
- ATEX approval
- Marine and drinking water approval
- Increased interference immunity
- With numerous process connections

Whether in mining, the marine industry, or for demanding pressure applications in machine building, extremely rough conditions are the norm. Specifically for these tough requirements Turck offers the new PT1000/2000 pressure transmitters.

Maximum resistance to vibration, continuous shocks and permanent pressure and temperature changes - even in aggressive media - make the pressure transmitters a reliable equipment for your plant safety and process control.

PT 10R - 10 03 - I2 - H1143 - D830

PT 10R Pressure range - 10 03 Mechanical version -

### Pressure range

|       | bar relative               | psi relative                         |
|-------|----------------------------|--------------------------------------|
| 1VR   | -1...0 bar <sup>(6)</sup>  | 15PSIVG -15...0 psi <sup>(6)</sup>   |
| 1V    | -1...1 bar                 | 15PSIV -15...15 psi                  |
| 1.5V  | -1...1.5 bar               | 45PSIV -15...45 psi                  |
| 2.5V  | -1...2.5 bar               | 85PSIV -15...85 psi                  |
| 5V    | -1...5 bar                 | 130PSIV -15...130 psi <sup>(6)</sup> |
| 9V    | -1...9 bar <sup>(6)</sup>  | 185PSIV -15...185 psi                |
| 15V   | -1...15 bar                | 285PSIV -15...285 psi                |
| 24V   | -1...24 bar                | 485PSIV -15...485 psi                |
| 1R    | 0...1 bar <sup>(6)</sup>   | 15PSIG 0...15 psi <sup>(6)</sup>     |
| 1.6 R | 0...1.6 bar <sup>(6)</sup> | 20PSIG 0...20 psi <sup>(6)</sup>     |
| 2.5R  | 0...2.5 bar <sup>(6)</sup> | 30PSIG 0...30 psi <sup>(6)</sup>     |
| 4R    | 0...4 bar                  | 60PSIG 0...60 psi                    |
| 6R    | 0...6 bar <sup>(6)</sup>   | 100PSIG 0...100 psi <sup>(6)</sup>   |
| 10R   | 0...10 bar <sup>(6)</sup>  | 150PSIG 0...150 psi <sup>(6)</sup>   |
| 16R   | 0...16 bar <sup>(6)</sup>  | 200PSIG 0...200 psi <sup>(6)</sup>   |
| 25R   | 0...25 bar <sup>(6)</sup>  | 300PSIG 0...300 psi <sup>(6)</sup>   |
| 40R   | 0...40 bar <sup>(6)</sup>  | 500PSIG 0...500 psi <sup>(6)</sup>   |
| 60R   | 0...60 bar <sup>(6)</sup>  | 750PSIG 0...750 psi <sup>(6)</sup>   |
| 100R  | 0...100 bar <sup>(6)</sup> | 1000PSIG 0...1000 psi <sup>(6)</sup> |
| 160R  | 0...160 bar <sup>(6)</sup> | 2000PSIG 0...2000 psi <sup>(6)</sup> |
| 250R  | 0...250 bar <sup>(6)</sup> | 3000PSIG 0...3000 psi <sup>(6)</sup> |
| 400R  | 0...400 bar <sup>(6)</sup> | 5000PSIG 0...5000 psi <sup>(6)</sup> |
| 600R  | 0...600 bar <sup>(6)</sup> | 7500PSIG 0...7500 psi <sup>(6)</sup> |
| 1000R | 0...1000 bar               | 14500PSIG 0...14500 psi              |
|       | <b>bar absolute</b>        | <b>psi absolute</b>                  |
| 1A    | 0...1 bar a                | 15PSIA 0...15 psi a                  |
| 1.6A  | 0...1.6 bar a              | 20PSIA 0...20 psi a                  |
| 2.5A  | 0...2.5 bar a              | 30PSIA 0...30 psi a                  |
| 4A    | 0...4 bar a                | 60PSIA 0...60 psi a                  |
| 6A    | 0...6 bar a                | 100PSIA 0...100 psi a                |
| 10A   | 0...10 bar a               | 150PSIA 0...150 psi a                |
| 16A   | 0...16 bar a               | 200PSIA 0...200 psi a                |

### Functional principle

PT Pressure transmitter

### Process connection

| Male thread            |  |
|------------------------|--|
| 13                     | G1/8", DIN 3852 Form E                                 |
| 40                     | G1/4" manometer connection                             |
| 04                     | G1/4", DIN 3852 Form E <sup>(6)</sup>                  |
| 43                     | G1/2", front sealing                                   |
| 08                     | G1/2", manometer connection <sup>(6)</sup>             |
| 14                     | 1/8"-27 NPT <sup>(6)</sup>                             |
| 03                     | 1/4"-18 NPT <sup>(6)</sup>                             |
| 05                     | 7/16"-20 UNF straight <sup>(6)</sup>                   |
| 41                     | M10 x 1, back sealing                                  |
| 20                     | M20 x 1.5  |
| 10                     | R1/4" acc. to EN 10226                                 |
| 47                     | Male thread G1/4" PVDF thread front sealing (≤ 16 bar) |
| 48                     | Male thread G1/2" PVDF thread front sealing (≤ 16 bar) |
| 46                     | Male thread G 1/8" front sealing                       |
| 30                     | Male thread G 1/2", back sealing DIN 3852              |
| <b>Female thread</b>   |  |
| 01                     | G1/4" <sup>(6)</sup>                                   |
| 17                     | 1/2"-14 NPT  |
| 18                     | 7/16"-20 UNF   |
| 44                     | 7/16"-20 UNF with Schrader nipple                      |
| <b>Tube connection</b> |  |
| 42                     | Cutting tube- (Tube: Ø 6/4, Steel 1.4301/AISI 304)     |

### Design/Functional principle

|    |  |
|----|--|
| 10 | Cylindrical ceramic measuring cell <sup>(1)</sup>            |
| 20 | Cylindrical metal measuring cell fully welded <sup>(2)</sup> |



PT1000



PT2000



|           |                    |   |              |                               |   |             |                     |
|-----------|--------------------|---|--------------|-------------------------------|---|-------------|---------------------|
| <b>I2</b> | <b>Output type</b> | - | <b>H1143</b> | <b>Electrical connections</b> | / | <b>D830</b> | <b>Special type</b> |
|-----------|--------------------|---|--------------|-------------------------------|---|-------------|---------------------|

**Output type**

**Current output**

- I2** 4...20 mA, 7.0...33.0 VDC, 2-wire<sup>(6)</sup>
- I4** 4...20 mA, 7.0...33.0 VDC, 2-wire increased interference immunity
- IX** 4...20 mA, 10.0...30.0 VDC, 2-wire ATEX<sup>(7)</sup>

**Voltage output**

- U1** 0...10 V, 12...33 VDC, 3-wire<sup>(6)</sup>
- U2** 1...6 V, 8.0...33.0 VDC, 3-wire
- U3** 0...5 V, 7.0...33.0 VDC, 3-wire
- UA** 0...10 V, 24 VAC ± 15 %/12...33 VDC<sup>(2)</sup>, 3-wire<sup>(3)</sup>
- U6** ratiometric 10...90 %, 4.5...5.5 VDC, 3-wire
- UX** ratiometric 10...90 %, 4.5...5.5 VDC, 3-wire<sup>(7)</sup>

**Electrical connections**

- M12 x 1 connector**
- H1143** M12 x 1<sup>(6)</sup>  
2L IN=1 OUT=3  
3L IN=1 OUT=4 GND=3
- H1144** M12 x 1<sup>(4) (6)</sup>  
2L IN=1 OUT=4,  
3L IN=1 OUT=3 GND=4
- H1141** M12 x 1<sup>(6)</sup>  
2L IN=1 OUT=2  
3L IN=1 OUT=2 GND=3
- DIN EN 175301-803 connector**
- DA91** Design A<sup>(6)</sup>  
2L IN=1 OUT=2  
3L IN=1 OUT=2 GND=3
- DC91** Design C  
2L IN=1 OUT=2  
3L IN=1 OUT=2 GND=3
- DC92** Design C  
2L IN=3 OUT=1  
3L IN=3 OUT=2 GND=1
- DC95** Design C  
2L IN=1 OUT=2  
3L IN=1 OUT=3 GND=2
- Cable with quick connect**
- CM2.0** 2.0 m<sup>(5)</sup>  
IN=brown OUT=green  
IN=brown OUT=green  
GND=white
- PG connection**
- TC11** Cable gland quick connect, PG9<sup>(5)</sup>  
IN=1, OUT=2, GND=3
- Metri Pack**
- MP1** Metri Pack 150  
2L IN=B, A=OUT,  
3L IN=B, Out C, GND=A
- RA15** Rast connector 2.5  
IN=1, GND=2, OUT=3
- WM0.5** Wire connection  
2 L IN=red, OUT blue  
3 L IN=red, OUT blue,  
black GND

**Standard**

- O** For oxygen applications
- D830** With EPDM seal
- W** Drinking water approval
- X** Pressure peak protection

**Notes**

- <sup>(1)</sup> Pressure range [-1...60 bar], [-30...750 psi]
- <sup>(2)</sup> Pressure range [-1...1000 barg], [-30...14500 psig]
- <sup>(3)</sup> 24 VAC variant not with M12 x 1, RAST, connector and wire connection
- <sup>(4)</sup> No ratiometric output, No AC supply
- <sup>(5)</sup> As an accessory with DT04-3P or 4P connector possible
- <sup>(6)</sup> Preferred types
- <sup>(7)</sup> only with H1143 and DA91





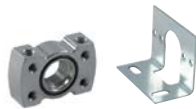
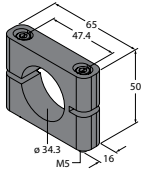
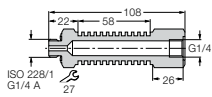
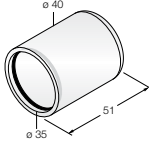
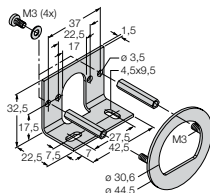
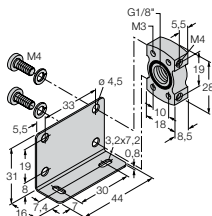
# Accessories






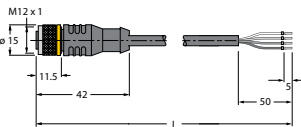
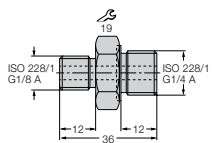
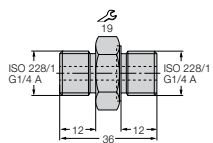
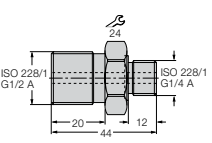
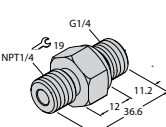
## Connection and function accessories

Product-specific installation accessories ensure maximum degrees of freedom in the application. We offer accessories for operating, mounting and protection of the pressure sensors.

Available are, among other things, mounting accessories for easy and safe mounting of the PK sensor series as well as accessories, which safely protect the PS sensor series against mechanical destruction.

With a cooling section for the PS and PT sensors, high media temperatures can be reduced, so that the pressure detection even at temperatures over 200 °C is possible.

| PTS-MB   | PCS-G1/4A4   | PTS Cover  | PK-N-MZ-001   | PK-P-MZ-001  |
|--|--|--|---|--|
|   |   |   |   |   |
| <b>Fixing clamp</b>  | <b>Cooling section</b>   | <b>Closure cap for PS series</b>   | <b>PK-N mounting kit</b>  | <b>PK-P mounting kit</b>   |
|  |  |  |  |  |

| RKC4.4T-2/TEL   | PCV-G1/8A4  | PCV-G1/4A4  | PCV-G1/2A4   | PCV-N1/4A4  |
|---|---|---|--|---|
|  |  |  |  |  |
| <b>Cables</b>   | <b>Threaded nipple G1/8" on G1/4"</b>   | <b>Threaded nipple G1/4" on G1/4"</b>   | <b>Threaded nipple G1/2" on G1/4"</b>  | <b>Threaded nipple N1/4" on G1/4"</b>   |
|  |                    |                    |                    |                    |

# Fluid Sensors Portfolio

Sensors for pressure, flow, temperature, level control and capacitive position sensing

In addition to pressure sensors, Turck offers an extensive portfolio of sensors for the monitoring of flow velocity, filling level as well as temperature and capacitive position sensing.

## Flow sensors/Flow meters

The failure of flow leads, often and inevitably, in almost all applications of production and process technology to significant impairments and outages. The monitoring of the flow plays an essential role. Turck offers different flow monitoring systems from universal to the special use.



## Temperature measurement

To operate machines and equipment safely and efficiently, the temperature must be controlled continuously as a critical parameter in many industrial processes. Combined with numerous connection options and variable output signals, the Turck temperature sensor portfolio guarantees maximum flexibility in temperature measurement.



## Level control

For level detection in liquids or solids, Turck offers special level sensors that detect levels according to the capacitive measuring principle or continuously monitor the filling level. Like all fluid sensors from Turck, the level sensors are also very robust, reliable and resistant to aggressive operating conditions.



Архангельск (8182)63-90-72  
 Астана (7172)727-132  
 Астрахань (8512)99-46-04  
 Барнаул (3852)73-04-60  
 Белгород (4722)40-23-64  
 Брянск (4832)59-03-52  
 Владивосток (423)249-28-31  
 Волгоград (844)278-03-48  
 Вологда (8172)26-41-59  
 Воронеж (473)204-51-73  
 Екатеринбург (343)384-55-89  
 Иваново (4932)77-34-06

Ижевск (3412)26-03-58  
 Иркутск (395)279-98-46  
 Казань (843)206-01-48  
 Калининград (4012)72-03-81  
 Калуга (4842)92-23-67  
 Кемерово (3842)65-04-62  
 Киров (8332)68-02-04  
 Краснодар (861)203-40-90  
 Красноярск (391)204-63-61  
 Курск (4712)77-13-04  
 Липецк (4742)52-20-81  
 Киргизия (996)312-96-26-47

Магнитогорск (3519)55-03-13  
 Москва (495)268-04-70  
 Мурманск (8152)59-64-93  
 Набережные Челны (8552)20-53-41  
 Нижний Новгород (831)429-08-12  
 Новокузнецк (3843)20-46-81  
 Новосибирск (383)227-86-73  
 Омск (3812)21-46-40  
 Оренбург (3532)37-68-04  
 Пенза (8412)22-31-16  
 Казахстан (772)734-952-31

Пермь (342)205-81-47  
 Ростов-на-Дону (863)308-18-15  
 Рязань (4912)46-61-64  
 Самара (846)206-03-16  
 Санкт-Петербург (812)309-46-40  
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 Смоленск (4812)29-41-54  
 Сочи (862)225-72-31  
 Ставрополь (8652)20-65-13  
 Таджикистан (992)427-82-92-69

Сургут (3462)77-98-35  
 Тверь (4822)63-31-35  
 Томск (3822)98-41-53  
 Тула (4872)74-02-29  
 Тюмень (3452)66-21-18  
 Ульяновск (8422)24-23-59  
 Уфа (347)229-48-12  
 Хабаровск (4212)92-98-04  
 Челябинск (351)202-03-61  
 Череповец (8202)49-02-64  
 Ярославль (4852)69-52-93