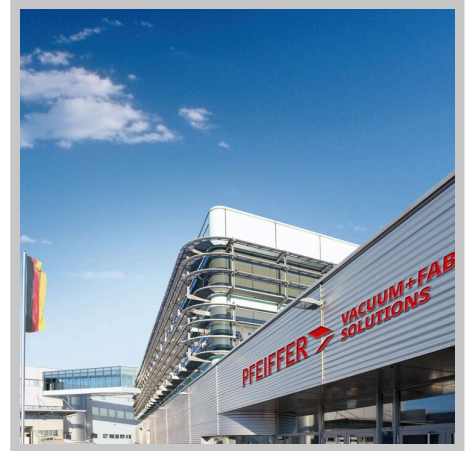




**CCT 362, tube OD ½",  
RS-485, Profibus**

---



**PFEIFFER** 

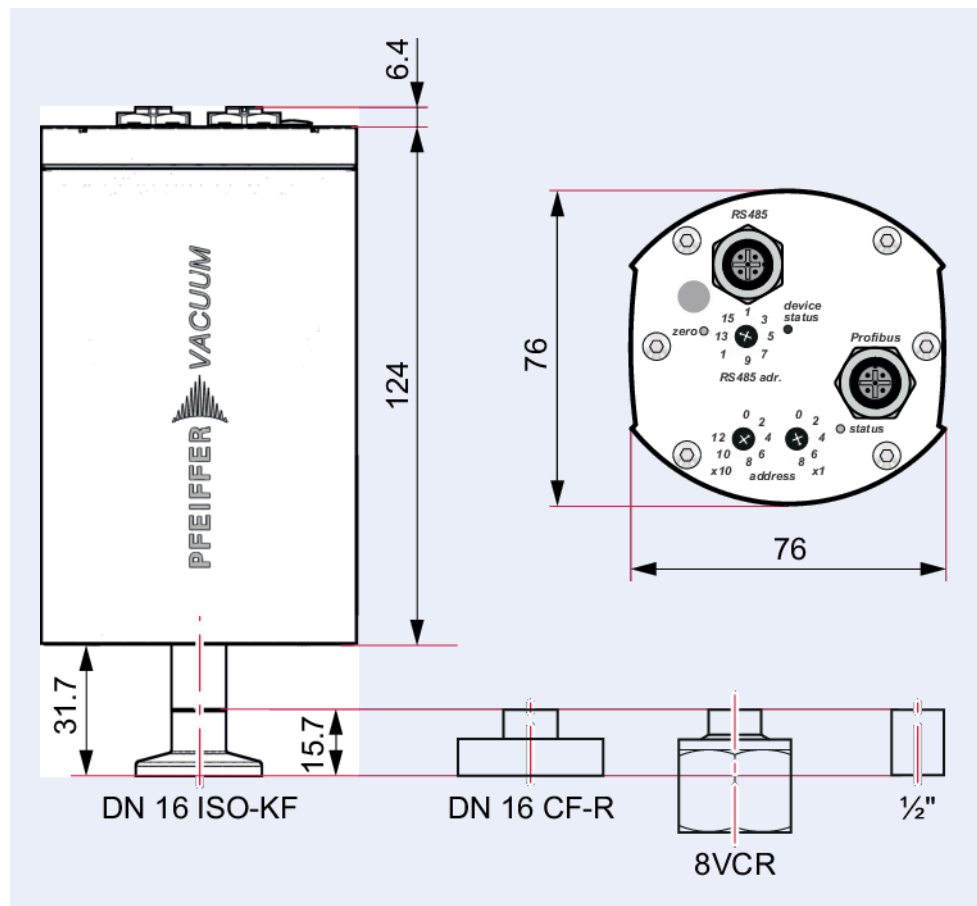


Illustration only

## CCT 362, tube OD ½", RS-485, Profibus

- Measurement range:  $1 \cdot 10^{-2} - 110$  hPa
- Pressure measurement independent of type of gas
- Minimal zero drift
- Precise temperature compensation
- Sensor in ceramic technology
- Calibration test report included in delivery
- Profibus interface

## Dimensions



| Technical Data                     | CCT 362, tube OD ½", RS-485, Profibus                                      |
|------------------------------------|----------------------------------------------------------------------------|
| Measuring range                    | $1 \cdot 10^{-2} - 1.1 \cdot 10^2$ hPa                                     |
| Materials in contact with media    | Ceramic ( $\text{Al}_2\text{O}_3 = 99.5\%$ )   Stainless steel (AISI 316L) |
| Temperature effect: on zero point  | 0,005 % F.S./°C                                                            |
| Temperature effect: on range       | 0.01% of measured value/ °C                                                |
| I/O interfaces                     | RS-485, Profibus                                                           |
| Anode                              | 130727                                                                     |
| Interface: Connection, device side | RS-485: M12, 5-pole, socket, b-coded                                       |
| Ambient temperature                | 5 – 50 °C                                                                  |
| Accuracy of measurement            | 0.2 % (of measured value)                                                  |
| Measuring method                   | Capacitive                                                                 |
| Input voltage(s)                   | 14 – 30 V DC                                                               |
| Bakeout temperature at the flange  | ≤110 °C   ≤230 °F   ≤383.15 K                                              |
| Pressure max.                      | $2.6 \cdot 10^3$ hPa   $1.95 \cdot 10^3$ Torr   $2.6 \cdot 10^3$ mbar      |
| Full scale                         | 100 hPa   75 Torr   100 mbar                                               |
| Weight approx.                     | 0.67 kg   1.48 lb                                                          |
| Resolution                         | 0.003 % F.S.                                                               |
| Measuring cycle                    | 60 ms                                                                      |
| Power consumption max.             | 5 W                                                                        |
| Connection flange                  | AD ½"                                                                      |
| Electrical connection              | RS485, M12, 5-pole, socket, a-coded                                        |

| Order number                          | CCT 362, tube OD ½", RS-485, Profibus |
|---------------------------------------|---------------------------------------|
| CCT 362, tube OD ½", RS-485, Profibus | PT R51 062                            |



Errors and/or changes excepted. - 5/15/2025

**Are you looking for an optimum vacuum solution?**

**Talk to us:**

**Pfeiffer Vacuum GmbH**

**Germany**

**T +49 6441 802-0**

**Or scan the barcode, to visit our web page:**



<https://webportal.pfeiffer-vacuum.com/global/en/contact>

**Follow Us On Social Media**

**#pfeiffervacuum**



[www.pfeiffer-vacuum.com](http://www.pfeiffer-vacuum.com)

**PFEIFFER** 