



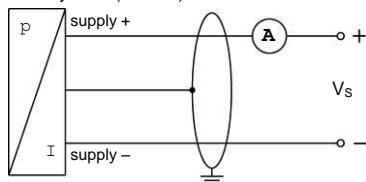
Materials	
Pressure port	stainless steel 1.4571 (316Ti)
Housing	stainless steel 1.4301 (304)
Seal of pressure port	FKM: G 1/4" DIN 3852      others on request
Seal of sensor	none (welded)
Diaphragm	stainless steel 1.4542 (630)
Media wetted parts	pressure port, seal of pressure port, diaphragm

Miscellaneous	
Weight	approx. 120 g
Current consumption	2-wire: max. 25 mA      3-wire ratiometric: typ. 3 mA 3-wire voltage: max. 7 mA (short circuit current: max. 20 mA)
Operational life	100 million load cycles
CE-conformity	EMC Directive: 2014/30/EU      Pressure Equipment Directive: 2014/68/EU (module A) <sup>2</sup>

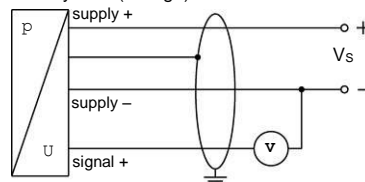
<sup>2</sup> This directive is only valid for devices with maximum permissible overpressure > 200 bar

### Wiring diagrams

2-wire-system (current)



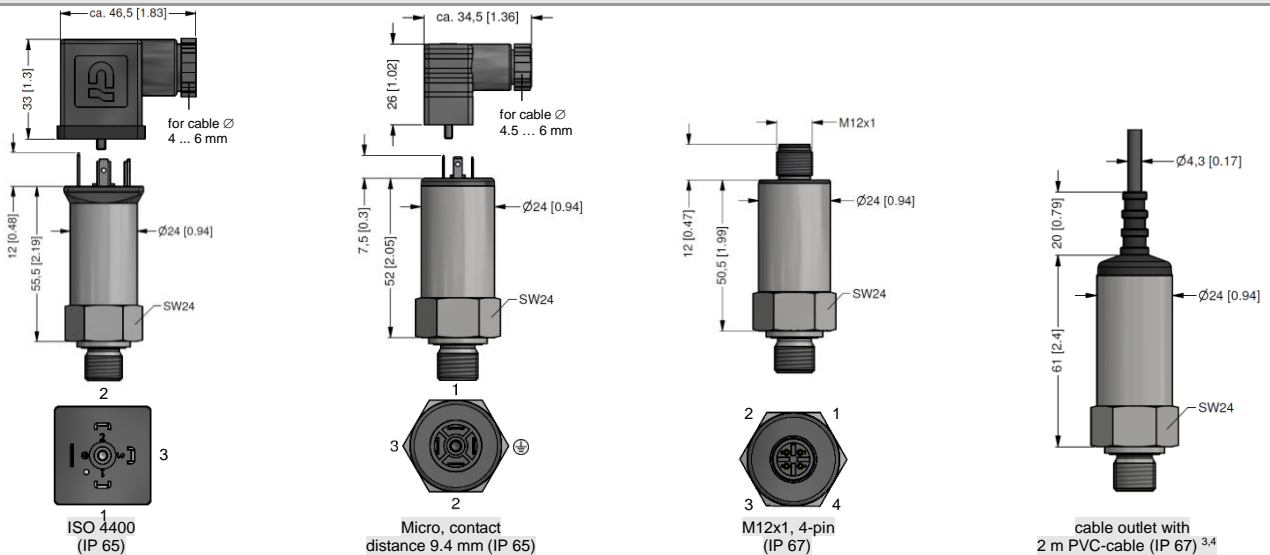
3-wire-system (voltage)



### Pin configuration

Electrical connection	ISO 4400	Micro (contact distance 9.4 mm)	M12x1 (4-pin), metal	cable colour (DIN 47100)
Supply +	1	1	1	wh (white)
Supply -	2	2	2	bn (brown)
Signal + (for 3-wire)	3	3	3	gn (green)
Shield	ground pin	ground pin	4	gn/ye (green / yellow)

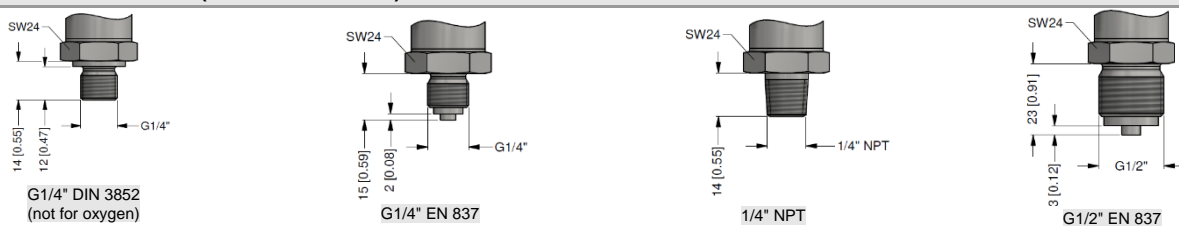
### Electrical connections (dimensions in mm)



<sup>3</sup> standard: 2 m PVC cable without ventilation tube (permissible temperature: -5 ... 70 °C)

<sup>4</sup> different cable types and lengths available, permissible temperature depends on kind of cable

### Mechanical connection (dimensions in mm)



This data sheet contains product specification. Properties are not guaranteed. Subject to change without notice.

## Ordering code OEM 17.600G

2.2.2021

OEM 17.600G

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Input [bar]										
0 ... 6	6	0	0	1						
0 ... 10	1	0	0	2						
0 ... 16	1	6	0	2						
0 ... 25	2	5	0	2						
0 ... 40	4	0	0	2						
0 ... 60	6	0	0	2						
0 ... 100	1	0	0	3						
0 ... 160	1	6	0	3						
0 ... 250	2	5	0	3						
0 ... 400	4	0	0	3						
0 ... 600	6	0	0	3						
Customer	9	9	9	9						
Customer underpressure	X	X	X	X						
Pressure										
Gauge				R						
Output										
4 ... 20 mA / 2-wire				1						
0 ... 10 V / 3-wire				3						
10 ... 90% of Vs / 3-wire ratiometric (Vs = 2,7 ... 5 V DC)				R						
Customer				9						
Accuracy										
0,5 %				5						
0,5 % including Calibration Certificate				T						
Table of measured values for acc. 0,5 %				N						
Customer				9						
Electrical connection										
Connector DIN 43650 (ISO 4400) (IP 65)				1	0	0				
Cable gland PG7 / cable length specify (IP 67)				4	0	0				
+ PVC cable / 1 m										
Connector DIN 43650 (ISO 4400) - potting compound inside (IP 67)				E	0	0				
Connector M12 x 1, 4-pin (IP 67)				M	0	0				
Connector M12 x 1, 4-pin (IP 67) - metal				M	1	0				
Cable outlet / cable length specify (IP 67) <sup>1</sup>				T	A	0				
+ PVC cable / 1 m										
Customer				9	9	9				
Mechanical connection										
G 1/2" EN 837					2	0	0			
G 1/4" DIN 3852 (only with seals "P")					3	0	0			
G 1/4" EN 837					4	0	0			
1/4" NPT					N	4	0			
1/2" NPT					N	0	0			
G 1/4" internal					J	0	0			
M 20 x 1,5 EN 837					8	0	0			
Customer					9	9	9			
Seals										
Without - welded + Viton (FKM)								P		
Without - welded								2		
Customer								9		
Special version										
Standard								0	0	0
Oxygen application (DIN 3852 possible only up to 25 bar)								0	0	7
Oil and grease free								0	0	8
With throttle screw M4								0	7	0
° Customer								9	9	9

0,-...without additional charge  
On request... in accordance with the producer



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The company BD SENSORS s.r.o. is certified by TÜV SÜD Czech according to the standard ISO 9001.



Surcharges for calibration are not subject to any discounts. Subject to change.

This document contains the specification for ordering the product; detailed technical parameters of the product and its possible variants are given in the data sheet. BD SENSORS reserves the right to change sensor specifications without further notice.

1 - standard: 2 m PVC cable without ventilation tube (permissible temperature: -5 ... 70 °C)



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