

# PRESSURE TRANSMITTER with ceramic sensor



**Accuracy 0,5% FSO**

OEM-Pressure Transmitter Standard

Suitable for gases, compressed air and liquid media which are not aggressive and not highly viscous, do not crystallize and do not attack the measuring system.

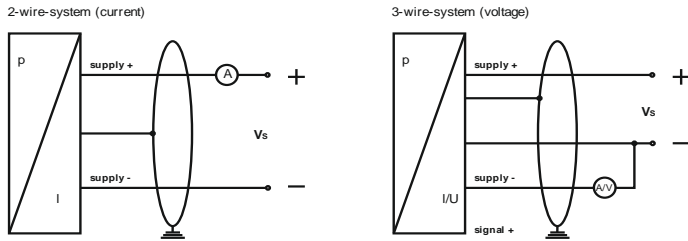
### Applications

mechanical and plant engineering  
hydraulics und pneumatics



Type	3360	3365	Options
Output signal	4...20 mA, 2-wire	0-10V, 3-wire	
Supply	8...32 VDC	14...30 VDC	
Accuracy	≤ ± 0,5% FSO		
Response time	≤ 10 ms	≤ 3 ms	
Measuring range	0...1 bar bis 0...400 bar		
Permissible load	$R_{max}=[(V_S-V_{Smin})/0,02 A]\Omega$	$R_{min} = 10 k \Omega$	
Long term stability	≤ ± 0,3% FSO / year at reference conditions		
Thermal error	≤ ± 0,3 % FSO / 10 K in compensated range -25...85°C		
Permissible temperatures	Medium:	-25 ... 125°C	
	Electronics/environment:	-25 ... 85°C	
	Storage:	-40 ... 85°C	
Electrical protection	permanent short-circuit protection, reverse polarity protection, electromagn. protection acc.to EN 61326		
Current consumption	max. 25 mA	max. 7 mA (short circuit current: max. 20mA)	
Mechanical stability	Vibration: 10g, 25 Hz ... 2kHz; Shock: 500 g / 1ms		
Mechanical connection	G½B, SW 24		G¼, ¼"NPT
Materials			
Connection / case	Stainless steel 1.4301		
Seals	FKM		others on request
Diaphragm	Ceramics Al <sub>2</sub> O <sub>3</sub> 96%		
Operational life	> 100 x 10 <sup>6</sup> cycles		
Weight	approx. 120 g		
CE-conformity	EMC-Directive: 2004/108/EGO		

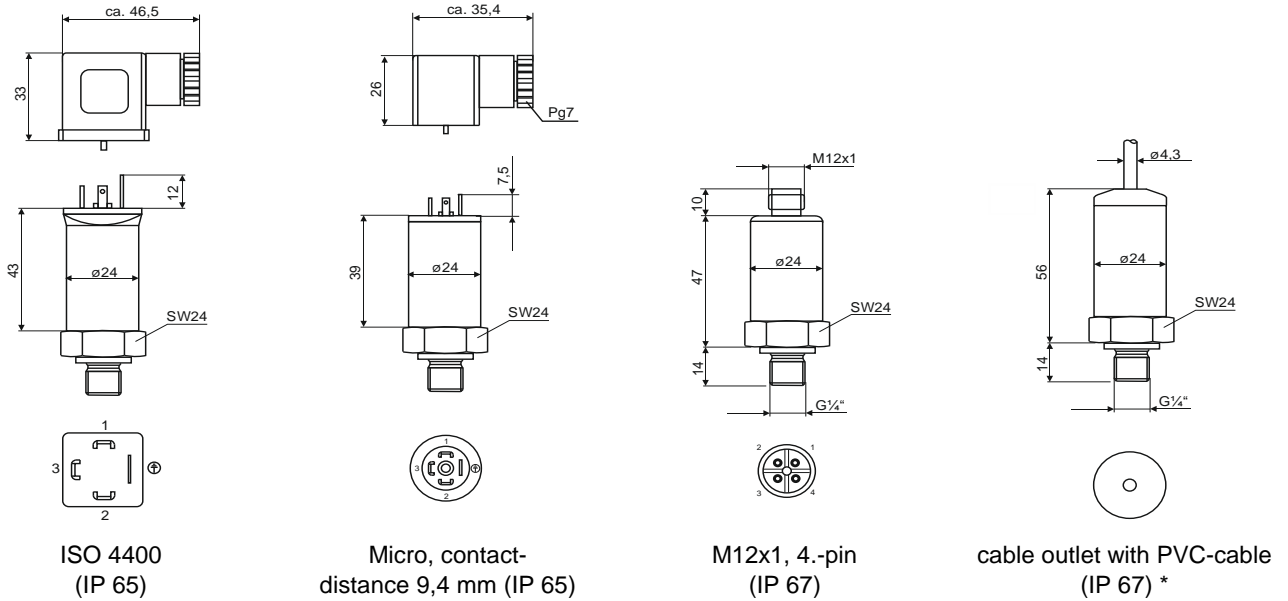
## Wiring diagrams



## Pin configuration

Electrical connection	ISO 4400	Micro	M12x1	Cable colours (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	ye/gn (yellow/green)

## Electrical connections (dimensions in mm)



\* Standard: 2 m PVC cable without ventilation tube (permissible temperature: -5...70°C)  
different cable types and length available, permissible temperature depends on kind of cable

## Mechanical connections (dimensions in mm)

