

# DMP 321

Industrial Pressure Transmitter

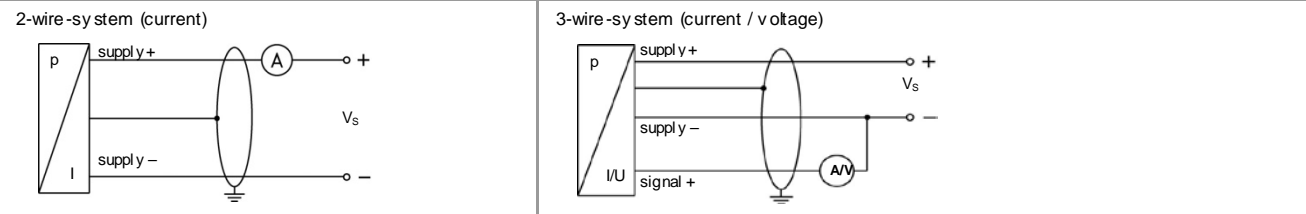
Technical Data

Miscellaneous	
Current consumption	signal output current: max. 25 mA signal output voltage: max. 7 mA
Weight	approx. 140 g
Installation position	any <sup>3</sup>
Operational life	> 100 x 10 <sup>6</sup> pressure cycles
CE-conformity	EMC Directive: 2004/108/EC      Pressure Equipment Directive: 97/23/EC (module A) <sup>4</sup>
ATEX Directive	94/9/EG

<sup>3</sup> Pressure transmitters are calibrated in a vertical position with the pressure connection down.

<sup>4</sup> This directive is only valid for devices with maximum permissible overpressure > 200 bar

### Wiring diagrams

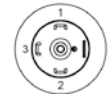
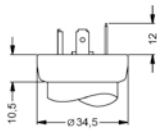


### Pin configuration

Electrical connection	ISO 4400	Binder 723 (5-pin)	M12x1 / metal (4-pin)	field housing	cable colours (DIN 47100)
Supply +	1	3	1	IN +	wh (white)
Supply -	2	4	2	IN -	bn (brown)
Signal + (only for 3-wire)	3	1	3	OUT +	gn (green)
Shield	ground pin	5	4	⊥	ye/gn (yellow / green)

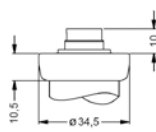
### Electrical connections (dimensions in mm)

#### standard

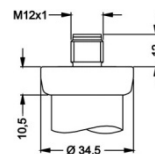


ISO 4400 (IP 65)

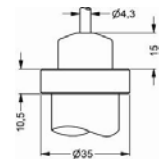
#### option



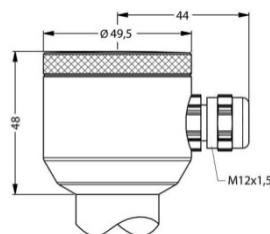
Binder Series 723 5-pin (IP 67)



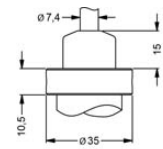
M12x1 4-pin (IP 67)



cable outlet with PVC cable (IP 67)<sup>5</sup>



compact field housing (IP 67)



cable outlet, cable with ventilation tube (IP 68)<sup>6</sup>

⇒ universal field housing stainless steel 1.4404 (316 L) with cable gland M20x1.5 (ordering code 880) and other versions on request

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

<sup>6</sup> different cable types and lengths available, permissible temperature depends on kind of cable

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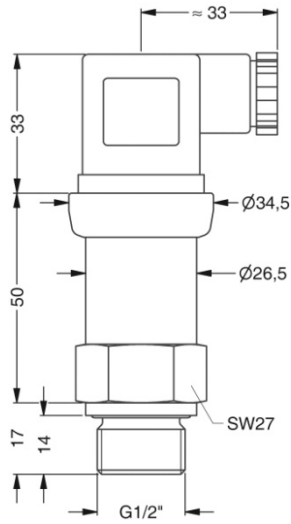
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Technical Data

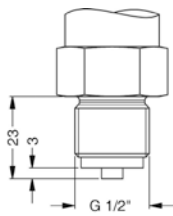
## Mechanical connections (dimensions in mm)

### standard

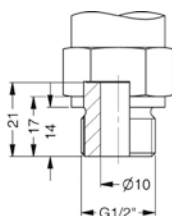


1/2" DIN 3852  
with ISO 4400

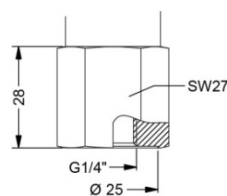
### option



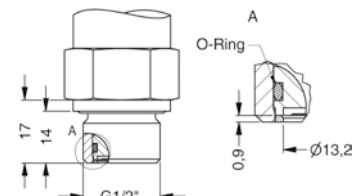
G1/2" EN 837



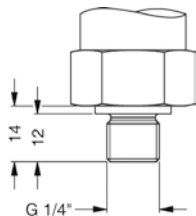
G1/2" open port



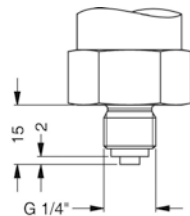
G 1/4" DIN3852  
internal thread



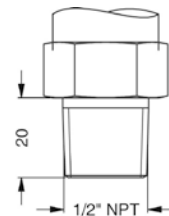
G1/2" DIN 3852  
with flush sensor



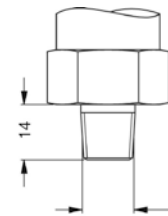
G1/4" DIN 3852



G1/4" EN 837



1/2" NPT



1/4" NPT

⇒ metric threads and other versions on request

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