

Safety and compatibility requirements

Electromagnetic compatibility	noise immunity	acc. to EN 61000-6-2
	noise emissions	acc. to EN 61000-6-4
Isolation between circuits	basic	acc. to EN 61010-1
Pollution level	2	
Installation category	III	
Maximal phase-to-earth operating voltage	50 V	
Altitude a.s.l.	< 2000 m	

Connection diagram

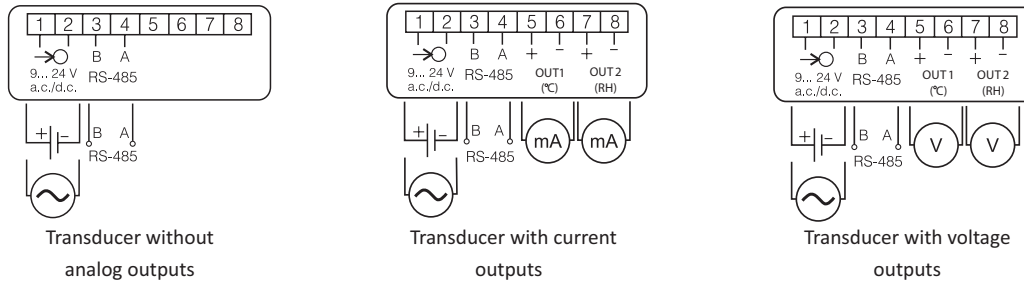


Fig. 1 Connection way of electric signals – P18D.

Ordering

P18D -	X	XX	X	X
Analog outputs:				
without outputs	0			
current 4...20 mA	1			
voltage 0...10 V	2			
Version:				
standard	00			
custom-made*	XX			
Language:				
Polish			P	
English			E	
other*			X	
Acceptance tests:				
without extra quality requirements				0
with an extra quality inspection certificate				1
acc. to customer's requirements*				X

ORDER EXAMPLE:

The code: **P18 - 1 - 00 - 8** means: temperature and humidity transducer of P18 type, with a current analog output: 4...20 mA, standard version, without extra quality requirements. If required, one must additionally order a sensor protection shield acc. to the table 1, eg. shield 08744-490-014 means a filter made of sintered bronze.

* - A?er agreeing with the manufacturer.

Table 1

Order code	Design	Name	Construction	Features	Typical application
0874-490-016		Membrane filter	Casing made of PCV, membrane of teflon. laminated by a film. Pore size: 1 µm	Mean filtration effect. Maximal temp.: up to 80 °C Response time: t10/90:15 s	Building automation. In rooms with low pollution.
0874-490-015		Filter made of teflon	Sintered teflon. Pore size: 50 µm	High chemical resistance Maximal temp.: up to 180 °C Response time: t10/90:14 s	Drying process in chemical applications.
0874-490-014		Filter made of sintered bronze	Sintered bronze. Pore size: 60 µm	High mechanical resistance. To co-operate in high pollution environments. Applied at small air humidity Response time: t10/90:10 s	Agricultural applications.

See also



KD7 recorder.



Interface converter USB/RS-485 - PD10.

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