





Programming Device for Pressure Switches DS 4 and DS 6

Product characteristics

- simple programming independent of a PC
- quick connection between supply and pressure switch
- up to five configurations storable and copyable
- all parameters of the pressure switch can be configured (switching mode, switch-on and switch-off point, ...)
- robust plastic housing
- 4-digit LED-display

The programming device P 6 has been developed especially for configuration of our pressure switches in situ, without PC or laptop. The programming device has to be connected between supply and pressure switch only.

It can be used with pressure switches series DS 4 and DS 6.

When designing the programming device P 6 user-friendliness was emphasized. The individual functions can be set using a closed menu system via two miniature push buttons on the front. All settings are permanently stored in a EEPROM and can be transferred to other pressure switches. Additionally, applied reference pressure can be "taught" as switch-on or switch-off points.



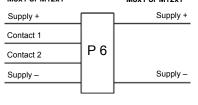


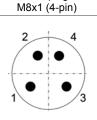
General specifications				
Supply voltage V _S	24 V _{DC} ± 10 % / approx. 70 mA			
Ingress protection	IP 65			
Housing material	PA 6.6, Polycarbonate			
Weight	approx. 150 g			
Pin configuration				

Fill Collinguiation								
Electrical connection 1	male plug on the programming device		female plug on end of cable					
	for DS 4 / DS 6: M8x1 (4-pin), plastic / metal	for DS 6: M12x1 (4-pin), plastic / metal	for DS 4 / DS 6: M8x1 (4-pin), plastic / metal	for DS 6: M12x1 (5-pin), plastic / metal				
Supply +	1	1	1	1				
Supply –	3	3	3	3				
Contact 1	-	-	4	4				
Contact 2	_	_	2	2				

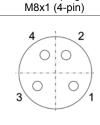
female plug M8x1 or M12x1 male plug M8x1 or M12x1

Wiring diagram / -plug version

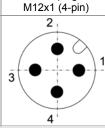




male plug,

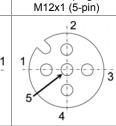


female plug,



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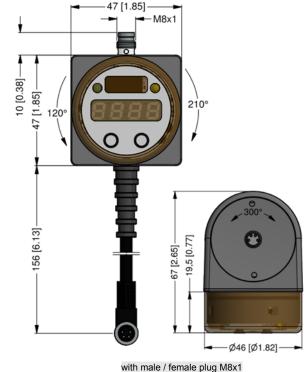
male plug,

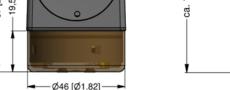


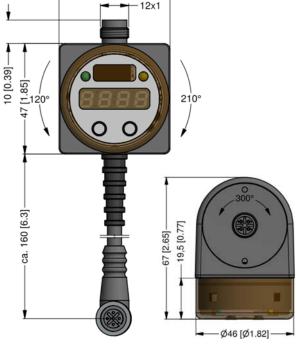
female plug,

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Dimensions (mm / in)







with male / female plug M12x1

Ordering code Version:

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P 6 for pressure switch DS 4

- P 6 for pressure switch DS 6

Ordering code:

P6 - DS4 - Q00 - 1 - 000 (with plug M8x1 - 4-pin)

P6 - DS6 - Q00 - 1 - 000 (with plug M8x1 - 4-pin)

P6 - DS6 - M13 - 1 - 000 (with plug M12x1 - 4-pin)

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¹ The device P 6 is only suitable for pressure switch DS 4 without analogue output. A special version of the device for DS 4 with analogue output and older DS 6 version are available on request.