



## P 6

### Programming Device for Pressure Switches DS 4 and DS 6

- ▶ 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, ...)

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 an EEPROM and can be transferred to other pressure switches. Additionally, applied reference pressure can be "taught" as switch-on or switch-off points.

#### Characteristics

- ▶ robust plastic housing
- ▶ 4-digit LED-display (digit size 7 mm)
- ▶ comfortable configuration of the parameters via two miniature push buttons and LED display
- ▶ 2 switch-on and switch-off points adjustable
- ▶ 27 menu functions for configuration and displaying several parameters
- ▶ ingress protection IP 65

#### P 6 Programming Device

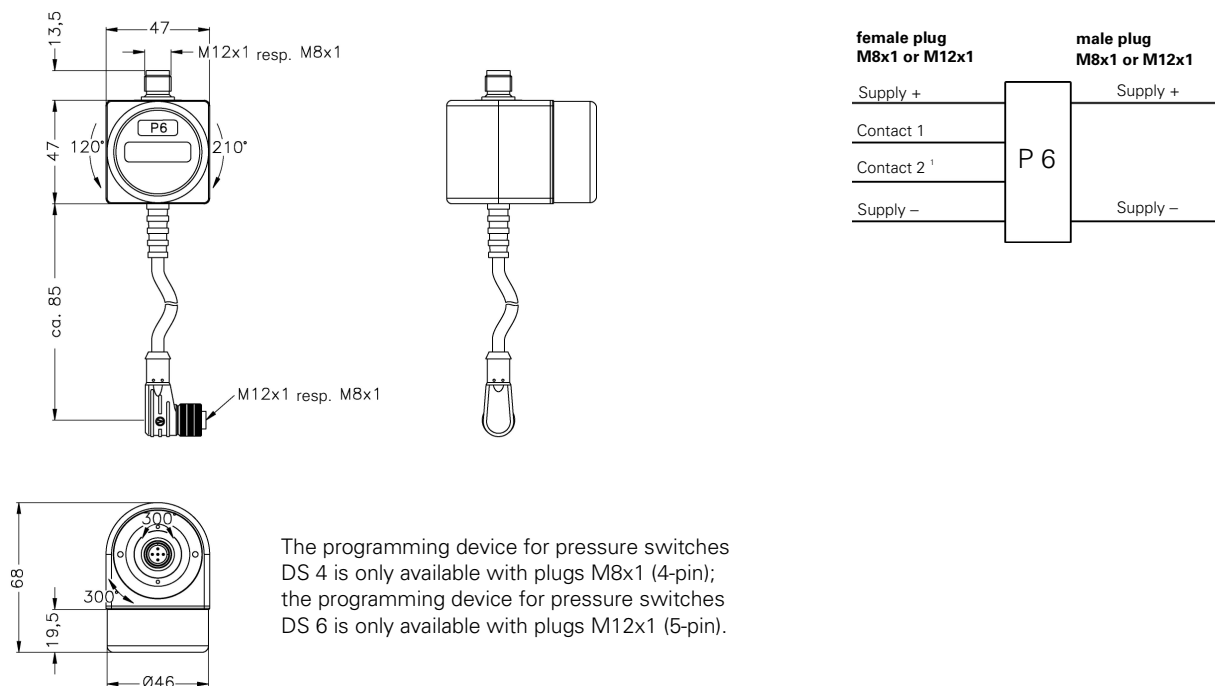
### Miscellaneous

Supply $U_B$	24 V <sub>DC</sub> ± 10 % / approx. 70 mA
Ingress protection	IP 65
Housing material	PA 6.6, polycarbonate
Weight	approx. 150 g

### Pin configuration

Electrical connection	Male plug on the programming device		Female plug on end of cable	
	for DS 4: M8x1 (4-pin) plastic	for DS 6: M12x1 (5-pin) plastic	for DS 4: M8x1 (4-pin) plastic	for DS 6: M12x1 (5-pin) plastic
Supply +	1	1	1 <sup>1</sup>	1 <sup>1</sup>
Supply –	3	3	3	3
Contact 1	-	-	4 <sup>1</sup>	4 <sup>1</sup>
Contact 2	-	-	2 <sup>1,2</sup>	5 <sup>1</sup>
Analogue signal (optional)	-	-	2 <sup>2</sup>	2

### Dimensions (in mm) / Wiring diagram



### Ordering code

#### Version:

- P 6 for pressure switch DS 4 (with plug M8x1 - 4-pin)
- P 6 for pressure switch DS 6 (with plug M12x1 - 5-pin)

#### Ordering code:

P6 - DS4 - Q00 - 000  
P6 - DS6 - N00 - 000

<sup>1</sup> is used for data communication between P 6 and pressure switch

<sup>2</sup> The pressure switch optionally can be equipped with an analogue output or a second contact. This output/contact is Pin 2.

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