BD|SENSORS
pressure measurement

P 6

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.

P 6

Programming Device

Technical Data

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

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 [1]	1 [1]
Supply –	3	3	3	3
Contact 1	-	-	4 [1]	4 [1]
Contact 2	-	-	2 [1,2]	5 [1]
Analogue signal (optionally)	-	-	2 [2]	2

[1] is used for data communication between P 6 and pressure switch
[2] The pressure switch DS 4 optionally can be equipped with an analogue output or a second contact. This output/contact is pin 2.

Dimensions (in mm) / Wiring diagram

The programming device for pressure switches DS 4 is only available with plugs M8x1 (4-pin); the programming device for pressure switches DS 6 is only available with plugs M12x1 (5-pin).

Ordering code

Version:

- 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 - N01 - 1 - 000
(with plug M12x1 - 5-pin)

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