

# 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.



General specifications					
Supply voltage $V_s$	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 <sup>1</sup>	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	
<sup>1</sup> 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.					
Wiring diagram / -plug version					
female plug M8x1 or M12x1	male plug M8x1 or M12x1	male plug, M8x1 (4-pin)	female plug, M8x1 (4-pin)	male plug, M12x1 (4-pin)	female plug, M12x1 (5-pin)
Supply +	Supply +				
Contact 1					
Contact 2					
Supply -	Supply -				
<b>Dimensions (mm / in)</b>					
with male / female plug M8x1			with male / female plug M12x1		
Ordering code					
<b>Version:</b>		<b>Ordering code:</b>			
- P 6 for pressure switch DS 4		P6 - DS4 - Q00 - 1 - 000 (with plug M8x1 - 4-pin)			
- P 6 for pressure switch DS 6		P6 - DS6 - Q00 - 1 - 000 (with plug M8x1 - 4-pin) P6 - DS6 - M13 - 1 - 000 (with plug M12x1 - 4-pin)			
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