



# CIS Set

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

- ▶ comfortable configuration of all parameters via configuration software P-Set
- ▶ quick connection to the pressure switch
- ▶ lower-cost programming device

The programming kit CIS Set has been developed especially for configuration of our pressure switches in situ (via laptop).

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

The cables for the connection of the pressure switch can be easily attached to the interface. The user only needs a Windows® PC with serial or USB interface.

With designing the programming kit user-friendliness and quick configuration were emphasized. The configuration software P-Set is very clearly arranged and offers teaching in set data of the pressure switch. After that switching mode, inverting of the switching signal, switching-on and switching-off points as well as switching-on and switch-off delay can be configured, simulated and transferred into the pressure switch via the software.

- ▶ simple connection to PC via serial or USB interface
- ▶ three indicator LEDs for contacts and operation
- ▶ two switching-on and switching-off points adjustable
- ▶ contacts adjustable, including
  - switch-on / switch-off points
  - hysteresis / window mode
  - switch-on / switch-off delay
- ▶ simulation mode

Characteristics

CIS Set  
Programming Kit

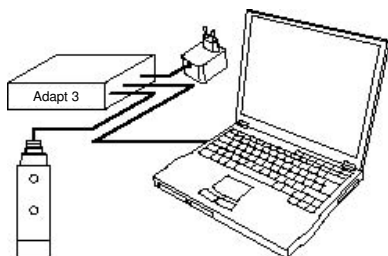
Miscellaneous	
Supply $V_s$	CIS Set with serial interface <sup>1</sup> : 8.5 ... 17 V <sub>AC</sub> or 12 ... 24 V <sub>DC</sub> CIS Set with USB interface: via USB cable connection
Ingress protection	IP 20
Overall weight	CIS Set with serial interface: approx. 800 g (incl. power supply) CIS Set with USB interface: approx. 200 g
System requirement	Windows®-PC with serial or USB interface. (software appropriate for Windows® 95, 98, 2000, NT Version 4.0 or higher, and XP)

Package contents
Configuration software "P-Set" on CD, programming adapter "Adapt 3", needed cable connections; for CIS Set with serial interface additional: 230 V <sub>AC</sub> power supply

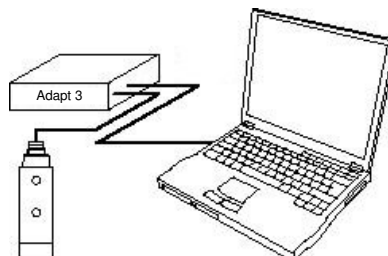
Pin configuration				
Electrical connection	plug on "Adapt 3"		connection cable pressure switch/interface (configuration on pressure switch)	
	M12x1 (5-pin) metal		for DS 4: M8x1 (4-pin) plastic	for DS 6: M12x1 (5-pin) plastic
Supply + <sup>2</sup>	1	1	1	
Supply -	3	3	3	
Contact 1 <sup>2</sup>	4	4	4	
Contact 2	5	-	5	
Analogue signal (optional)	-	2	2	

## Wiring diagrams

### serial interface:



### USB interface:



## Ordering code

### Version:

CIS Set with serial interface

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

CIS Set with USB interface

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

### Ordering code:

CIS Set - 680

CIS Set - 685

CIS Set - 681

CIS Set - 686

<sup>1</sup> If the delivered power supply can not be used, the specified voltage ranges must be complied with. Polarity of the supply need not be attended, because the device has an integrated commutator.

<sup>2</sup> is used for data communication between programming adapter "Adapt 3" and pressure switch

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