

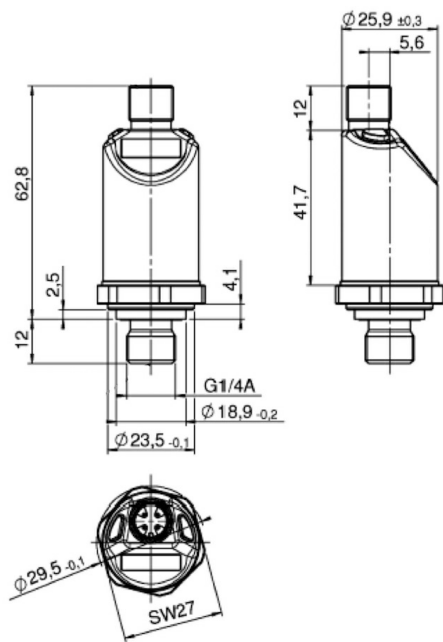
## Electronic pressure switch Series PS15



|                            |                                                                                                                |
|----------------------------|----------------------------------------------------------------------------------------------------------------|
| Design type                | electronic pressure switch with digital display, with switching time delay                                     |
| Connection                 | Male thread G1/4"                                                                                              |
| Materials                  | Housing stainless steel, pressure connection stainless steel, measuring cell stainless steel/FKM               |
| Medium                     | Liquids and gases that do not attack the materials used                                                        |
| Medium temperature         | -25...+85°C                                                                                                    |
| Ambient temperature        | -25...+85°C                                                                                                    |
| Mounting                   | Installation in rigid piping system                                                                            |
| Mounting position          | any                                                                                                            |
| Switching contact          | 2 Switching contacts, programmable as NO or NC                                                                 |
| Switching point adjustment | Switching point 1...100% of the setting range<br>Switch-back point/window 0...99% of the setting range         |
| Switching time delay       | 0...99,99s adjustable                                                                                          |
| Accuracy                   | ±1% from the upper limit of the adjustment range                                                               |
| Temperature influence      | ±0.3%/10K of the full-scale value of the setting range in case of deviation from the standard temperature 20°C |
| max. operating pressure    | see table                                                                                                      |
| Power supply               | 9,6...32VDC                                                                                                    |
| Current consumption        | < 35mA without switching output                                                                                |
| max. switching current     | 0,25A                                                                                                          |
| Display                    | 4-digit digital display                                                                                        |
| electrical connection      | M12x1                                                                                                          |
| Degree of protection       | IP67 according to EN 60529                                                                                     |
| Scope of delivery          | Pressure switch without connection cable                                                                       |



Dimensions



| Connection<br>G | Adjustment range<br>[bar] | max. operating pressure<br>[bar] | Weight<br>[g] | Type          |
|-----------------|---------------------------|----------------------------------|---------------|---------------|
| G1/4"           | -1...16                   | 80                               | 0,1           | PS15-14V-1V16 |
| G1/4"           | 0...100                   | 200                              | 0,1           | PS15-14V-100  |
| G1/4"           | 0...250                   | 500                              | 0,1           | PS15-14V-250  |
| G1/4"           | 0...400                   | 800                              | 0,1           | PS15-14V-400  |

Electrical connections

|                                                                                                                                 |                                                                               |
|---------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|
| Circuit symbol                                                                                                                  | Socket M12x1 including cable 2m Type C012-41-CU20-9                           |
| <p>1 +Uc<br/>2 OU2<br/>3 GND<br/>4 OU1</p>                                                                                      | <p>1 BN<br/>2 WH<br/>3 BU<br/>4 BK</p> <p>1 2<br/>5 4 3</p>                   |
| +Uc... + pole of the supply voltage<br>OU2... Switching contact 2<br>GND... - Supply voltage pole<br>OU1... Switching contact 1 | 1 ... brown<br>2 ... white<br>3 ... blue<br>4 ... black<br>5 ... not assigned |

Illustrations non-binding  
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