

## Pressure switch Type ADS



|                             |                                                                                                                     |
|-----------------------------|---------------------------------------------------------------------------------------------------------------------|
| Design type                 | Diaphragm pressure switch with Changeover contact                                                                   |
| Connection                  | G1/4" Female thread                                                                                                 |
| Materials                   | Housing Zinc die casting, Parts in contact with the medium Stainless steel 1.4305, Diaphragm PTFE                   |
| Application range           | slightly aggressive gases and liquids                                                                               |
| Switching point adjustment  | The switching point can be adjusted using the handwheel after loosening a lateral grub screw.                       |
| Reset differential          | 0,1bar + 5...10% x Switching point                                                                                  |
| Medium temperature          | -20...+80°C                                                                                                         |
| Ambient temperature         | -20...+80°C                                                                                                         |
| Degree of protection        | IP65 according to EN 60529 with correctly mounted device connector (protection against dust ingress and water jets) |
| Switching cycles            | 1 million switching cycles                                                                                          |
| maximum switching frequency | 1Hz                                                                                                                 |
| Mounting                    | via threaded connection or via 2 through holes in the housing                                                       |
| Mounting position           | any                                                                                                                 |
| Scope of delivery           | Pressure switch including device socket according to EN175301-803 Form A                                            |
| Special version             | with electrical connection M12x1 (IP67), Indicator lamp socket, silicone-free                                       |

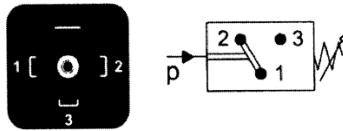
| Adjustment range [bar] | Overpressure safety [bar] | Pressure transmission | Weight [kg] | Type            |
|------------------------|---------------------------|-----------------------|-------------|-----------------|
| 0,2...2                | 60                        | Diaphragm             | 0,31        | ADS-1-002-A-2-1 |
| 1...16                 | 60                        | Diaphragm             | 0,31        | ADS-1-016-A-2-1 |

### Switching capacities

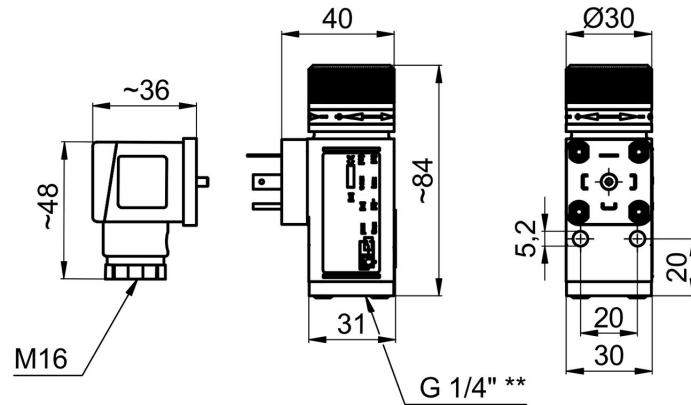
| Voltage [V]        | 250AC | 24DC |
|--------------------|-------|------|
| Resistive load [A] | 6     | 3    |
| Inductive load [A] | 1     | 1    |



## Electrical connection



## Dimensions



\*\*Depth 11mm

Illustrations non-binding  
Design, dimensional and material changes reserved

Armatures / Pressure switches, measuring instruments and flow monitors / Pressure switch / Pressure switch Series ADS

