



# Pressure switches with integrated connector

SPST-NO (normally open) or  
SPST-NC (normally closed)  
Maximum voltage 42 V



## Technical Data

Max. voltage:	42 V
Current rating (resistive):	≤ 4 A
Switching capacity:	100 VA
Switching frequency:	200 / min.
Temperature stability for diaphragm/seal materials:	NBR (BunaN) -22 °F – +212 °F (-30 °C – +100 °C) EPDM -22 °F – +248 °F (-30 °C – +120 °C) FKM 23 °F – +248 °F (-5 °C – +120 °C) Silicone -40 °F – +248 °F (-40 °C – +120 °C) HNBR -22 °F – +248 °F (-30 °C – +120 °C)
Mechanical life expectancy:	10 <sup>6</sup> cycles (life expectancy of diaphragm pressure switches only for pressures up to max. 725 PSI)
Pressure rise rate:	≤ 14.5 PSI/ms
Vibration resistance:	10 g / 5 – 200 Hz sine wave
Shock resistance:	294 m/s <sup>2</sup> ; 14 ms half sine wave
Degree of protection:	Up to IP67 / IP6K9k according manufacturer instruction for particular connector system only in plugged position otherwise IP00