Rugged Outdoor Switch

09-RS.1101.6100.M002

Your product:

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Rugged Outdoor Switch

FRONT

Front dimension: Ø 39 mm

Front form: Round

Front bezel colour: Black

Front bezel material: Plastic

Front bezel shape: Raised

MOUNTING

Design: Raised

Mounting cut-out: Ø 30 mm

OPERATING-/INDICATION PART

Lens colour: Blue

Lens material: Plastic

Lens illumination: Non illuminated

Lens shape: Concave

Lens type: Raised above front bezel

Symbol: Extend arm

Marking symbol colour: Black

ELECTRICAL CHARACTERISTICS

Contacts: 1 NO

Contact Type: Magnetic Reed Switch

Operating voltage:	12 - 48 V DC
Power (W):	10
Switching rating:	48 V DC @ 0,5 A
Electrical lifetime:	1 Mil. cycles of operation
Thermal current Ith:	0.5 A

MECHANICAL CHARACTERISTICS

Terminal:	1.5 Series AMP Superseal 3 Pin Connector
Contact material:	Rhodium/Silver
Switching action:	Momentary
Mechanical lifetime:	1 Mil. cycles of operation
Operating force:	25 N
Operating Travel:	5 mm ± 0.1 mm
Tightening torque:	2.5 … 3 Nm fixing nut
Weight:	0.04 kg

AMBIENT CONDITION

IP front protection:	IP67 (ISO 20653)
IP Protection:	IP67 rear side (ISO 20653)
Operating temperature:	– 20 °C … + 100 °C (DIN EN 60068-2-64)
Storage temperature:	- 20 ° C … + 100 ° C (DIN EN 60068-2-64)
Vibration resistance:	Vibration TL80101 (2006-10) chapter 4.1.4 test severity level 3, Test Conditions according DIN EN 60068-2-64 test duration 2 hours per spatial axis
Climate resistance:	100 cycles (- 20 °C … + 100 °C), with 25min at high temperature, 20 min at low temperature level per cycle

CERTIFICATE

Approbations:	EMC (EN ISO 13766-1:2018), EMC (EN ISO 14982:2009)
Conformities:	CE
REACH:	REACH compliant
RoHS:	RoHS compliant

OTHER

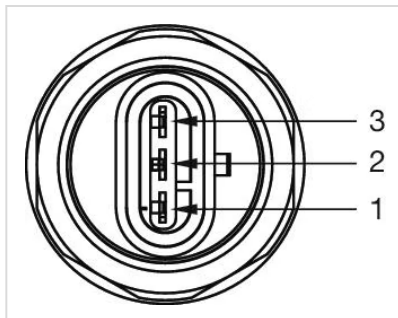**Short Description:**   Rugged Outdoor Switch, Momentary, 48 V DC @ 0,5 A, 12 - 48 V DC, 1 NO, 1.5
Series AMP Superseal 3 Pin Connector, Round, Plastic, Extend arm, Blue
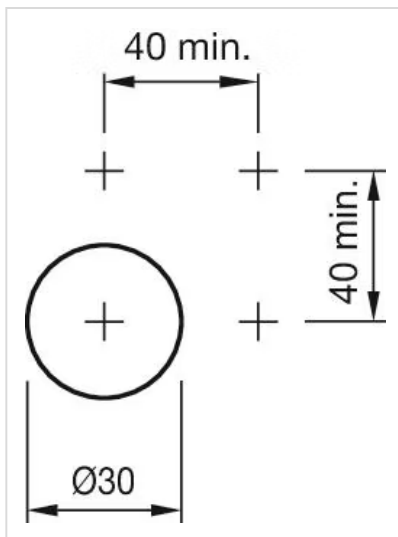
Housing colour: Black

Housing material: Plastic

Component layouts:

1 = Common +
2 = Switch Out
3 = LED - (non illuminated - blank)

Mounting cut-outs:

Dimension drawings: