



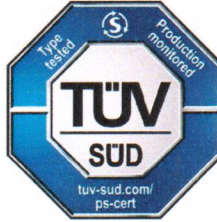
Product Service

CERTIFICATE

No. B 040594 0038 Rev. 00

Holder of Certificate: **wenglor sensoric GmbH**
wenglor Str. 3
88069 Tettnang
GERMANY

Certification Mark:



Product: **Switches**
Emergency Stop and braking switches

The product was tested on a voluntary basis and complies with the essential requirements. The certification mark shown above can be affixed on the product. It is not permitted to alter the certification mark in any way. In addition the certification holder must not transfer the certificate to third parties. See also notes overleaf.

Test report no.: 713182832

Valid until: 2025-02-09

Date, 2020-04-23


(Bernhard Schäfers)



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Model(s):

Emergency Stop devices, direct opening action
Actuator+contactor with Gold- or Silver contacts

a) Emergency Stop Actuators:

SEAN01

SEAP01

SEAC01

SEAL01

b) Actuators with integrated contact blocks

SEM21N0189

SEM20N0102

c) Contact blocks:

SZ01N01S

SZ10N01S

SZ10I01S

SZ00L01S

Assessories:

SM00N01N

SM00N02N

The SEAC01 device does not comply with the test method of the EK 9 AK 5 resolution with the resolution number EK9-BE-75 and the applicable documents EK9 2018-05.

Parameter:

Required direct opening force: max. 40N

Direct opening travel (contact block): > 3mm

Total stroke of actuator: approx. 6...9mm

Impact strength: 100N

Remark: Protective shroud user has to test accessibility and reachability.

Diameter of mounting opening: Ø 22,3 mm

Degree of protection: IP 65 in front of the panel

Operating temperature: see "Complete Unit", S.

Storage temperature: see "Complete Unit", S.



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Actuator Type	Ø	Contact Block	Complete Unit
SEAN01	22	SZ10N01S, SZ10N01S+SZ10N01S, SZ10N01S+SZ10N01S+SZ01N01S	
SEAP01 SEAC01		Utilisation category: AC15 A600 / DC13 Q600 Rated insulation voltage Ui: AC: 600V / DC: 600V Rated operational voltage Ue: AC: 440V(1.6A) / 250V(3A) (Rated operational current Ie): DC: 440V(0.12A) / 250V(0.2A) 125V(0.4A) / 60V(1A) / 24V(2A) Breaking capacity: AC: 10Ie / DC: 1.1Ie Continuous thermal current Ith: 16A Mechanical life: 1 million Electrical life: 1 million (at rated load)	Lifetime: 50.000
SEAL01		SZ10I01S Rated insulation voltage Ui: 250V Rated operational voltage Ue(Ie): AC15: 250V(3A) DC13: 250V(0.2A), 125V(0.4A), 60V(1A), 24V(2A) Breaking capacity: AC: 10Ie / DC: 1.1Ie Continuous thermal current Ith: 16A Mechanical life: 20.000 Electrical life: 20.000 Accessory: SZ00L01S Connection module for illuminated emergency stops 12-30V AC/DC 8-4 4mA SM00N01N Module holder for 3 SZ... elements SM00N02N Module holder for 5 SZ... elements	Storage temperature: - 50°... 85°C Operating temperature: -30°C ... 70°C Tightening torque: max. 2.5Nm



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Actuator Type	Ø	Contact Block	Complete Unit
SEM20N0102	pol.	(equipped EMO enclosure) 2 NC M12-connector, 4- contact block AgNi AC15 / DC13 250V AC (1,5A) 24V DC (2A)	Operating temperature: - 25°C...+70°C Storage temperature: - 25°C...+85°C
SEM21N0189	pol.	2 NC + 1 NO M12- connector, 8- contact block AgNi, gold plated 1...36 V 1...250 mA	

Tested according to: EN 60947-5-5:1997/A2:2017
EN ISO 13850:2015
EN 60947-5-1:2017

Production Facility(ies): 053244, 086394