



SAFETY POS. SWITCH W. SEPARATE ACTUATOR, METAL HOUSING, 40MM, 1X(M20X1.5) SLOW-ACTION CONTACTS 2NC/1NO W. M12 CONNECTOR, PLASTIC, 5-POLE; MAX. 24V, 4A ; 1NC CONNECTED

Product designation	position switch with separate actuator
Manufacturer article number <ul style="list-style-type: none"> of the optional actuators 	3SE5000-0AV01 standard actuator, 3SE5000-0AV02 actuator with vertical mounting, 3SE5000-0AV03 actuator with horizontal mounting, 3SE5000-0AV04 radius actuator left, 3SE5000-0AV05 universal actuator, 3SE5000-0AV06 radius actuator right, 3SE5000-0AV07 heavy-duty actuator, 3SE5000-0AW11 plastic actuator, 3SE5000-0AW21 stainless steel actuator

General technical data:		
Product function		
<ul style="list-style-type: none"> positive opening 		Yes
Insulation voltage		
<ul style="list-style-type: none"> Rated value 	V	125
Degree of pollution		class 3
Shock resistance		30g / 11 ms
Vibration resistance		0.35 mm / 5g
Surge voltage resistance Rated value	kV	1.5
Mechanical service life (switching cycles)		
<ul style="list-style-type: none"> typical 		1 000 000
Electrical endurance (switching cycles) with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026 typical		1 000 000
Electrical operating cycles in one hour with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026		6 000

Thermal current	A	4
Material of the enclosure of the switch head		metal
Protection class IP		IP66/IP67
Equipment marking		B
<ul style="list-style-type: none"> • acc. to DIN EN 61346-2 • acc. to DIN EN 81346-2 		B
Active principle		mechanical
Repeat accuracy	mm	0.05
Explosion protection category for dust		none
Explosion protection category for gas		none
Minimum actuating force in activation direction	N	20
Operating current		
<ul style="list-style-type: none"> • at DC-13 at 125 V Rated value 	A	0.55
Operating current		
<ul style="list-style-type: none"> • at DC-13 — at 24 V Rated value 	A	3

Enclosure:

Design of the housing		block, narrow
Material of the enclosure		metal
Coating of the enclosure		cathodic immersion coating
Design of the housing acc. to standard		Yes

Drive Head:

Design of the operating mechanism		5 directions of approach
Design of the switching function		positive opening

Connections/ Terminals:

Type of electrical connection		M12 plug, fixed
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Mechanical data:

Cable entry type		M12 plug
Design of plug-in connection		M12 plug, 5-pole: Pin 1 = terminal 21, Pin 2 = 22, Pin 3 = 31, Pin 4 = 32, Pin 5 = PU

Communication/ Protocol:

Design of the interface		without
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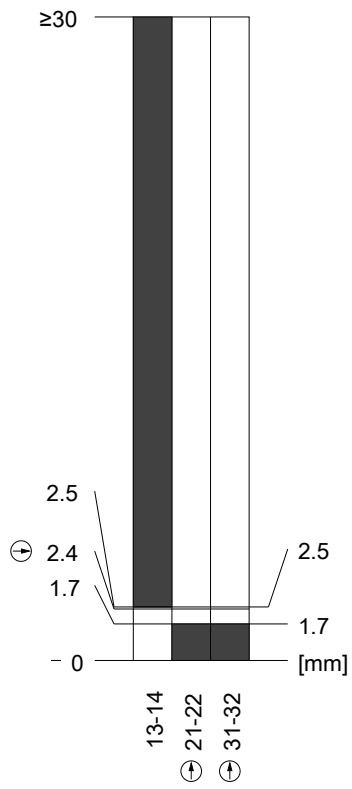
Ambient conditions:

Ambient temperature		
<ul style="list-style-type: none"> • during operation 	°C	-25 ... +85
<ul style="list-style-type: none"> • during storage 	°C	-40 ... +90

Installation/ mounting/ dimensions:

mounting position		any
Mounting type		screw fixing

Certificates/ approvals:



last modified:

09.03.2015