



SAFETY POSITION SWITCHES WITH SOLENOID INTERLOCKING LOCKING FORCE 2600N, 5 DIR. OF APPROACH METAL ENCLOSURE, M12 CONNECTOR, ASISAFE INTEGRATED CH1=ACTUATOR 1NC, CH2=MAGNET 1NC SPRING-ACTUATED LOCK, AUX. RELEASE ON FRONT MAGNET VOLTAGE 24V DC/AC, MONITORING OF ACTUATOR 2NC/1NO, MONITORING OF MAGNET 2NC/1NO THE MATCHING SEPARATE ACTUATOR 3SE5000-0AV0. IS TO BE ORDERED SEPARATELY

General technical data:

Product designation		position switch with tumbler
Product feature		with integrated ASIsafe electronics
Verification of suitability		CE / UL / CSA / CCC / TÜV
Supply voltage		
• of the magnet coil	V	24
Relative ON period		
• of the magnet coil	%	100
Recorded real power		
• of the magnet coil	W	3.5
Insulation voltage		
• rated value	V	30
Degree of pollution		class 3
Mechanical operating cycles as operating time		
• typical		1,000,000
Repeat accuracy	mm	0.1
Design of the contact element		slow-action contacts
Number of NC contacts		
• for the position surveillance of the locking element		1
• for the position surveillance of the activation element		1

Number of NO contacts		
• for the position surveillance of the locking element		0
• for the position surveillance of the activation element		0
Design of the switching function		positive opening
Resistance against vibration		0.35 mm / 5g
Resistance against shock		30g / 11 ms
Ambient temperature		
• during operating	°C	-25 ... +60
• during storage	°C	-40 ... +80
Width of the sensor	mm	54
Material		
• of the enclosure		metal
Material / of the housing / of the switch head		metal
Design of the operating mechanism		5 directions of approach
Actuating speed	mm/s / m/s	0.4 ... 1.5
Minimum actuating force / in activation direction	N	30
Protection class IP		IP66/IP67
mounting position		any
Design of the electrical connection		M12 plug, fixed
Design of the plug-in connection		M12 plug, 4-pole: Pin 1 = ASI+ , Pin 2 = not assigned, Pin 3= ASI-, Pin 4 = not assigned
Reference code		
• according to DIN 40719 extended according to IEC 204-2 / according to IEC 750		S
• according to DIN EN 61346-2		B

Certificates/ approvals:

General Product Approval	Declaration of Conformity	Test Certificates	other
 CSA	 EAC	 UL	 EG-Konf.
		Special Test Certificate	other

Further information:

Information- and Downloadcenter (Catalogs, Brochures,...)

<http://www.siemens.com/industrial-controls/catalogs>

Industry Mall (Online ordering system)

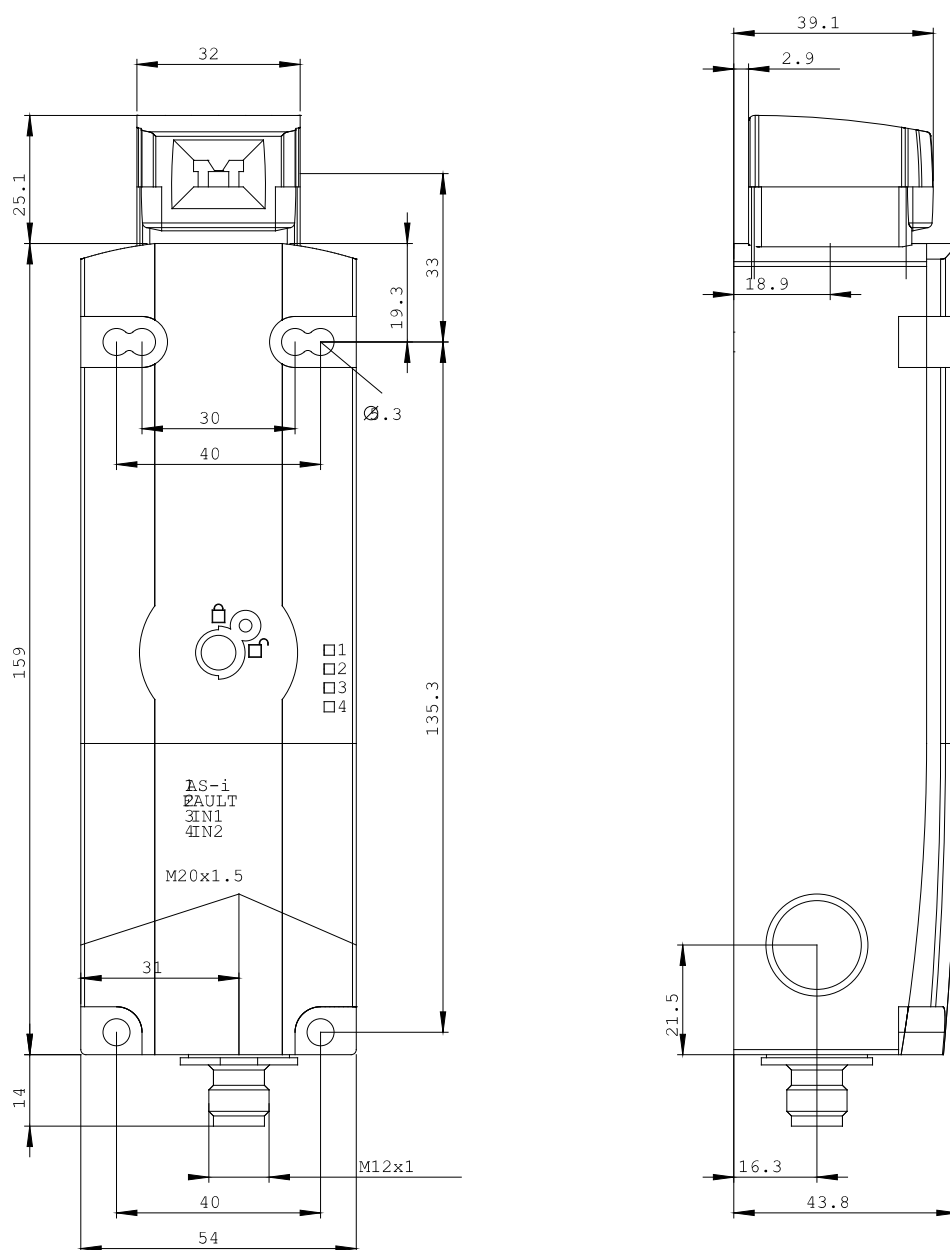
<http://www.siemens.com/industrial-controls/mall>

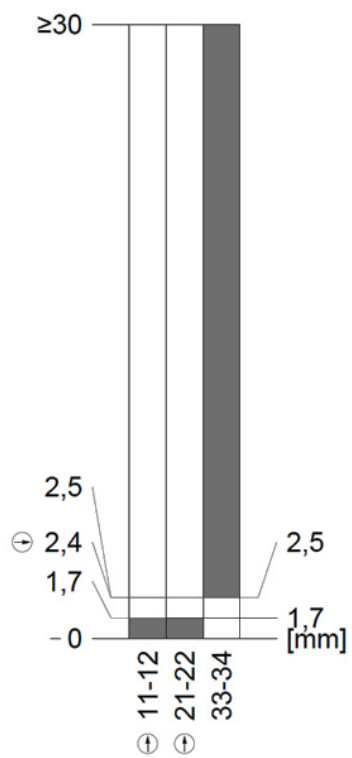
Cax online generator

<http://www.siemens.com/cax>

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<http://support.automation.siemens.com/WW/view/en/3SF1314-1SD11-1BA1/all>





last change:

Mar 31, 2014