



SAFETY POS. SWITCH W. SEPARATE ACTUATOR, 5 DIRECT. OF APPROACH METAL ENCLOSURE, ACC.TO EN50041 ASISAFE INTEGRATED AS-I STATUS:1:F-IN1, 2:F-IN2 3:AS-I/FAULT SLOW-ACTION CONTACTS 2NC W/ M12 CONNECTOR 4-POLE CHANNEL 1 ON NC,CHANNEL 2 ON NC

Product designation		position switch with separate actuator with ASIsafe
Manufacturer article number		
<ul style="list-style-type: none"> of the optional actuators 		3SE5000-0AV01 standard actuator, 3SE5000-0AV02 actuator with vertical fixing, 3SE5000-0AV03 actuator with transverse fixing, 3SE5000-0AV04 radius actuator left, 3SE5000-0AV05 universal actuator, 3SE5000-0AV06 radius actuator right

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	30
Degree of pollution		class 3
Shock resistance		30g / 11 ms
Vibration resistance		0.35 mm / 5g
Surge voltage resistance Rated value	kV	0.8
Mechanical service life (switching cycles)		
<ul style="list-style-type: none"> typical 		1 000 000
Material of the enclosure of the switch head		metal enclosure
Protection class IP		IP66/IP67
Equipment marking		
<ul style="list-style-type: none"> acc. to DIN EN 61346-2 acc. to DIN EN 81346-2 		B B
Active principle		mechanical
Repeat accuracy	mm	0.1
Minimum actuating force in activation direction	N	10

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		plug M12

Mechanical data:		
Design of plug-in connection		M12 plug, 4-pole: Pin 1 = ASI+ , Pin 2 = not assigned, Pin 3= ASI-, Pin 4 = not assigned

Ambient conditions:		
Ambient temperature		
• during operation	°C	-25 ... +60
• during storage	°C	-40 ... +80

Supply voltage:		
Type of voltage of the supply voltage		
• of the optional LED indicator		DC
Supply voltage		
• of LED	V	24

Installation/ mounting/ dimensions:		
mounting position		any
Mounting type		screw fixing

Certificates/ approvals:		
General Product Approval	Declaration of Conformity	other



[other](#)

Further information

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

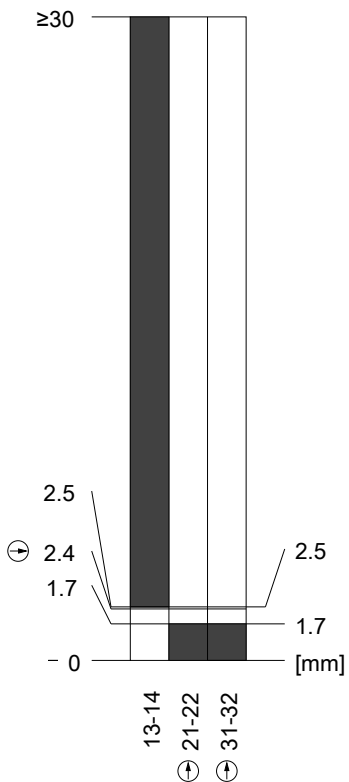
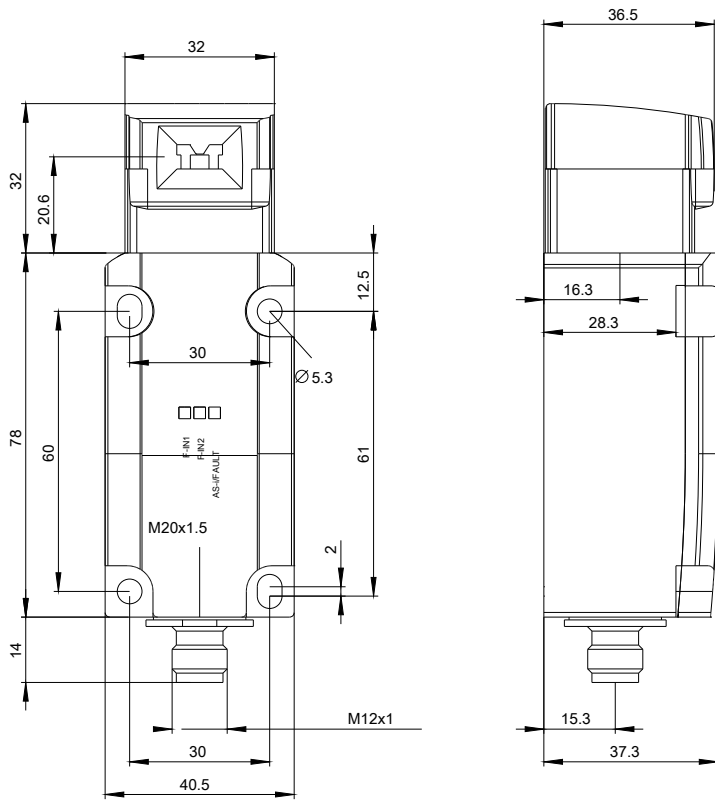
<http://www.siemens.com/industrial-controls/catalogs>

Industry Mall (Online ordering system)

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

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mfb=3SF11141QV101BA1>



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