



enclosure Metal, increased corrosion protection, EN 50041 with cover, turquoise 1x (M20x 1.5)

product brand name	SIRIUS
product designation	Housing EKS, EN50041 for standard position switch + cover, turquoise
product type designation	3SE5
General technical data	
product function positive opening	Yes
insulation voltage rated value	400 V
degree of pollution	class 3
protection class IP	IP66/IP67
shock resistance	
• according to IEC 60068-2-27	30g / 11 ms
vibration resistance according to IEC 60068-2-6	0.35 mm/5g
reference code according to IEC 81346-2	U
active principle	mechanical
repeat accuracy	0.05 mm
Substance Prohibitance (Date)	07/01/2006
SVHC substance name	Imidazolidine-2-thione (2-imidazoline-2-thiol) - 96-45-7
Net Weight	0.284 kg
length of the sensor	85.7 mm
width of the sensor	40 mm
Ambient conditions	
ambient temperature	
• during operation	-25 ... +85 °C
• during storage	-40 ... +90 °C
explosion protection category for dust	none
Enclosure	
design of the housing	block, narrow
material of the enclosure	metal
coating of the enclosure	cathodic dip coating
design of the housing according to standard	Yes
Drive Head	
design of the actuating element	Other, without, empty enclosure
cable entry type	1x (M20 x 1.5)
Installation/ mounting/ dimensions	
mounting position	any
fastening method	screw fixing
design of the interface for safety-related communication	without
Communication/ Protocol	
design of the interface	without
Safety related data	

product function suitable for safety function	Yes
service life maximum	20 a
test wear-related service life necessary	Yes
proportion of dangerous failures	
• with low demand rate according to SN 31920	20 %
• with high demand rate according to SN 31920	20 %
B10 value with high demand rate according to SN 31920	10 000 000
failure rate [FIT] with low demand rate according to SN 31920	100 FIT
ISO 13849	
device type according to ISO 13849-1	3

Approvals Certificates

General Product Approval	Functional Safety
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[Type Examination Certificate](#)

Test Certificates	other	Environment
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[Type Test Certificates/Test Report](#)



[Confirmation](#)



[Environmental Confirmations](#)

Further information

Information on the packaging

<https://support.industry.siemens.com/cs/ww/en/view/109813875>

Information for data generation and storage

<https://support.industry.siemens.com/cs/ww/en/view/109995012>

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

<https://www.siemens.com/ic10>

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SE5112-0AA00-1CA0>

Cax online generator

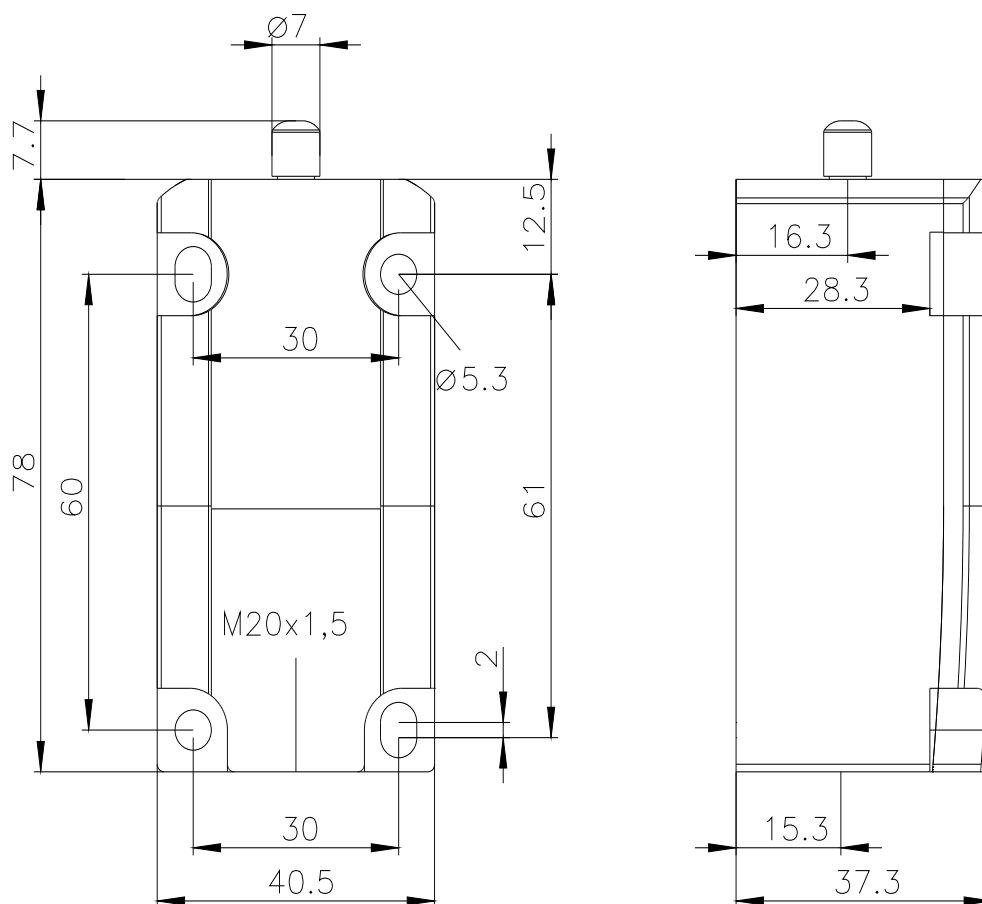
<https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SE5112-0AA00-1CA0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SE5112-0AA00-1CA0>

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SE5112-0AA00-1CA0&lang=en



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