

Position switch Metal enclosure Twist lever 10 to 10° Snap-action contacts 1 NO+1 NC 1 x M20 x 1.5 with increased corrosion protection and actuator head offset by 180° offset

product designation		position switch		
suitability for use safety switch		No		
General technical data				
protection class IP		IP67		
reference code according to IEC 81346-2		B		
active principle		mechanical		
Substance Prohibitance (day/month/year)		07/01/2006		
Net Weight		0.34 kg		
length of the sensor		130 mm		
width of the sensor		40 mm		
Ambient conditions				
ambient temperature				
• during operation		-30 ... +85 °C		
explosion protection category for dust		none		
design of the switching contact		mechanical		
number of NC contacts for auxiliary contacts		1		
number of NO contacts for auxiliary contacts		1		
Enclosure				
design of the housing		design complying with EN 50041		
material of the enclosure		metal		
coating of the enclosure		painted		
design of the housing according to standard		Yes		
Drive Head				
design of the actuating element		twist lever, 38 mm		
standard-compliant actuator head		EN 50041, design A		
design of the switching function		CO contact		
circuit principle		snap-action contacts		
number of switching contacts safety-related		1		
Installation/ mounting/ dimensions				
fastening method		screw fixing		
Connections/ Terminals				
type of electrical connection		screw terminal		
design of the interface for safety-related communication		without		
Communication/ Protocol				
design of the interface		without		
Approvals Certificates				
General Product Approval		Test Certificates	Maritime application	other
				
		Miscellaneous		Confirmation
			Confirmation	
other		Environment		



[Environmental Con-
firmations](#)

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=3SE2120-1GV00-0AK3>

Cax online generator

<https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SE2120-1GV00-0AK3>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SE2120-1GV00-0AK3>

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

https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SE2120-1GV00-0AK3&lang=en

last modified:

8/8/2025 