

METAL-ENCLOSED POSITION SWITCH, SLOW-ACTION CONTACTS
1NO+1NC, WITH CONTACT OVERLAP, PLAIN PLUNGER, 1 X M20 X 1.5

product designation		position switch		
suitability for use safety switch		Yes		
General technical data				
protection class IP		IP67		
reference code according to IEC 81346-2		B		
active principle		mechanical		
Substance Prohibittance (day/month/year)		07/01/2006		
Net Weight		0.187 kg		
length of the sensor		92.5 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		plunger		
shape of the switch head		rounded		
outer diameter of the switch head		6 mm		
design of the switching function		positive opening		
circuit principle		slow-action make-before-break 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
 CCC  Miscellaneous  PRS Confirmation Confirmation				
other		Environment		



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=3SE2120-3B>

Cax online generator

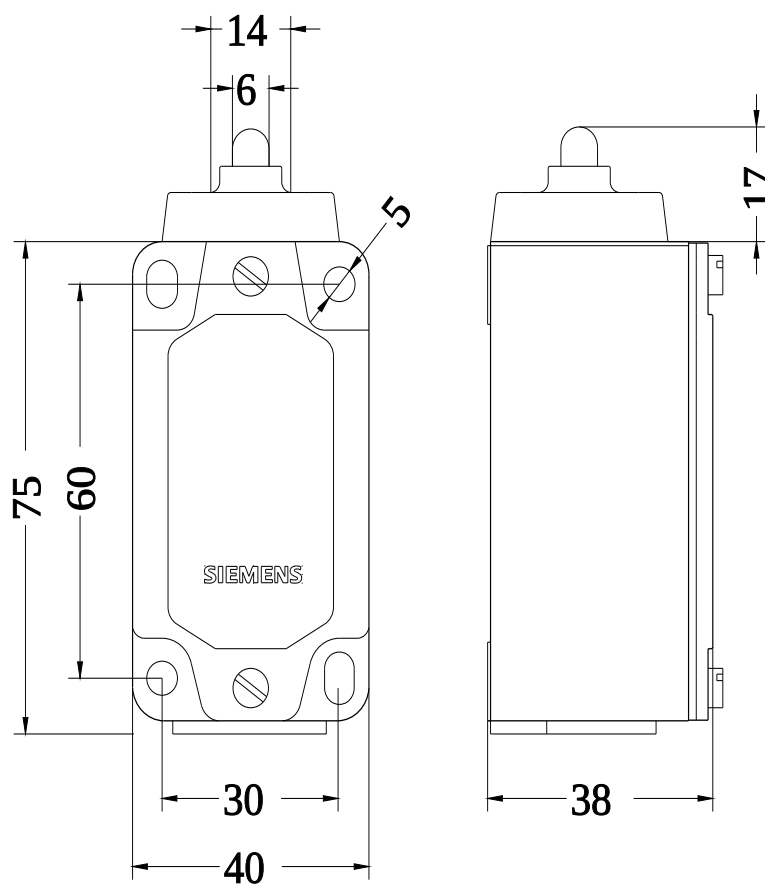
<https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SE2120-3B>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SE2120-3B>

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

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



last modified:

8/8/2025