

POSITION SWITCH, METAL-ENCLOSED SNAP-ACTION
CONTACTS 1NO+1NC, OVERTRAVEL PLUNGER TYPE B, 1 X
M20 X 1,5



Product designation	position switch
Suitability for use safety switch	Yes

General technical data

Protection class IP	IP67
Active principle	mechanical
Length of the sensor	105.5 mm
Width of the sensor	40 mm
Design of the switching contact	mechanical
Number of NC contacts for auxiliary contacts	1
Number of NO contacts for auxiliary contacts	1
Number of CO contacts for auxiliary contacts	0
Design of the interface for safety-related communication	without

Enclosure

Design of the housing	design complying with EN 50041
Material of the enclosure	metal
Coating of the enclosure	painted
Design of the housing acc. to standard	Yes

Drive Head	
Design of the operating mechanism	rounded plunger
Standard-compliant actuator head	EN 50041, design B
Shape of the switch head	rounded
Outer diameter of the switch head	10 mm
Design of the switching function	positive opening
Circuit principle	snap-action contacts
Number of switching contacts safety-related	1

Connections/Terminals	
Type of electrical connection	screw-type terminals

Communication/ Protocol	
Design of the interface	without

Ambient conditions	
Ambient temperature	
• during operation	-30 ... +85 °C
Explosion protection category for dust	none

Installation/ mounting/ dimensions	
Mounting type	screw fixing

Certificates/approvals

General Product Approval	Declaration of Conformity	Marine / Shipping
 CCC	 EG-Konf.	 ABS
 CSA	 	 LRS

Marine / Shipping	other
 PRS	 RINA
	Miscellaneous Confirmation

Further information

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

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

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SE2120-1C>

Cax online generator

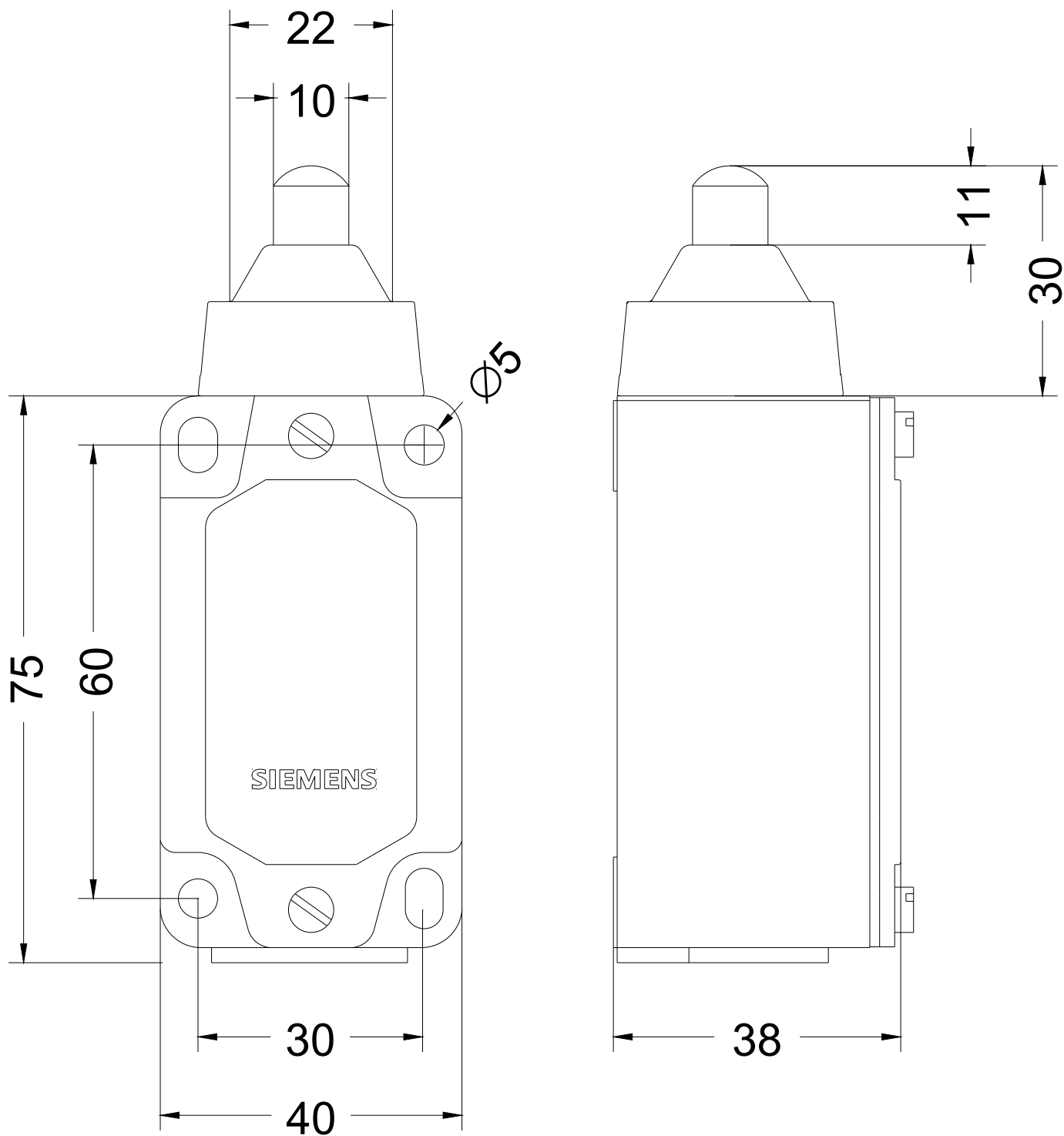
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SE2120-1C>

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

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

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SE2120-1C&lang=en



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