

3SE2120-1GW00-0AE0 POSITION SWITCH METAL-ENCLOSED

Technical / CAx data

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METAL-ENCLOSED POSITION SWITCH POSITION SWITCH METAL-ENCLOSED TWIST LEVER FINE ADJUSTMENT SNAP-ACTION CONTACTS 1NO+1NC HOUSING IP67, 40MM WIDE EX PROTECTION, FOR ZONE22 ACC. TO ATEX GUIDELINE NO. 94/9/EG, II 3 D

General technical details:

product designation	position switch
Active principle	mechanical
Product function / status display	No
Item designation / according to DIN 40719 extendable after IEC 204-2 / according to IEC 750	S
Item designation / according to DIN EN 61346-2	B

Enclosure:

Design of the housing	design complying with EN 50041
Design of the housing / according to standard	Yes
Coating / of the housing	painted
material / of the housing	metal
Length of the sensor	mm 182.5
Width of the sensor	mm 40

Drive Head:

Design of the operating mechanism	twist lever, finely adjustable from 10° to 10°
Norm designation of the switching head	EN 50041, design A

Contact:

Design of the contact element	snap-action contacts
Number of NC contacts / for auxiliary contacts	1
Number of NO contacts / for auxiliary contacts	1
Number of change-over switches / for auxiliary contacts	0
Design of the switching function	positive opening
Design of the electrical connection	screw-type terminals

Ambient conditions:

Protection class IP IP67

Certificates/approvals:

Verification of suitability	CE / UL / CSA / CCC
Acceptability for application / safety cut-out switch	Yes
Explosion protection category for dust	zone22, 94/4/EG II 3D
ambient temperature	°C 85...-30
<ul style="list-style-type: none"> during the operating phase 	

General Product Approval **For use in hazardous locations**

CQC	<input checked="" type="checkbox"/> CSA	ROSTEST	<input checked="" type="checkbox"/> UL	other
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Shipping Approval **other**

ABS	<input checked="" type="checkbox"/> LRS (Lloyds Register of Shipping)	PRS	<input checked="" type="checkbox"/> RINA (Registro Italiano Navale)	Manufacturer
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Further information:

Information- and Downloadcenter (Catalogs, Brochures,...)	http://www.siemens.com/industrial-controls/catalogs
Industry Mall (Online ordering system)	http://www.siemens.com/industrial-controls/mall
CAX-Online-Generator	http://www.siemens.com/cax
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)	http://support.automation.siemens.com/WW/view/en/3SE2120-1GW00-0AE0/all
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)	http://www.automation.siemens.com/bilddb/cax_en.aspx?mfb=3SE2120-1GW00-0AE0

