



FINISHED COMBINATION WITH POSITION SWITCH METAL-SEALED, ROLLER PLUNGER SNAP-ACTION SWITCH 1NO+1NC PARTITION SHEET 3SY3110 BASE PLATE 3SY3027 AND CONNECTOR SOCKET 3SY3131, 6-POLE AND PE PIN ASSIGN.: PIN1=21,PIN2=22, PIN3=13,PIN4=14 NC=PIN1+2, NO=PIN3+4 PIN 5 AND PIN 6 NOT USED,

<b>product designation</b>	position switch		
suitability for use safety switch	Yes		
<b>General technical data</b>			
<b>protection class IP</b>	IP67		
<b>reference code according to IEC 81346-2</b>	B		
<b>active principle</b>	mechanical		
<b>Substance Prohibition (day/month/year)</b>	07/01/2006		
<b>Net Weight</b>	0.49 kg		
<b>length of the sensor</b>	143.3 mm		
<b>width of the sensor</b>	40 mm		
<b>Ambient conditions</b>			
<b>ambient temperature</b>	-30 ... +85 °C		
• during operation			
<b>explosion protection category for dust</b>	none		
<b>design of the switching contact</b>	mechanical		
<b>number of NC contacts for auxiliary contacts</b>	1		
<b>number of NO contacts for auxiliary contacts</b>	1		
<b>Enclosure</b>			
<b>design of the housing</b>	design complying with EN 50041		
<b>material of the enclosure</b>	metal		
<b>coating of the enclosure</b>	painted		
<b>design of the housing according to standard</b>	Yes		
<b>Drive Head</b>			
<b>design of the actuating element</b>	roller plunger		
<b>standard-compliant actuator head</b>	EN 50041, design C		
<b>shape of the switch head</b>	roller		
<b>design of the switching function</b>	positive opening		
<b>circuit principle</b>	snap-action contacts		
<b>number of switching contacts safety-related</b>	1		
<b>Installation/ mounting/ dimensions</b>			
<b>fastening method</b>	screw fixing		
<b>Connections/ Terminals</b>			
<b>type of electrical connection</b>	plug, 6-pole + PU, DIN 43651		
<b>design of the interface for safety-related communication</b>	without		
<b>Communication/ Protocol</b>			
<b>design of the interface</b>	without		
<b>Approvals Certificates</b>			
<b>General Product Approval</b>	<b>Test Certificates</b>	<b>Maritime application</b>	<b>other</b>



[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=3SE2120-1DV00-0AD0>

Cax online generator

<https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SE2120-1DV00-0AD0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SE2120-1DV00-0AD0>

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

[https://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SE2120-1DV00-0AD0&lang=en](https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SE2120-1DV00-0AD0&lang=en)

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