

PREASSEM. COMBINATION POS.METAL 1XM20X1.5 WITHOUT OPERATING HEAD SNAP-ACTION CONTACTS 1NO+1NC WITH 2XLED 24 V AC/DC, GREEN/YELLOW WITH UNIT CONNECT. 3SY3131 PIN ASSIGN.: PIN1=21, PIN2=22,PIN3=13,PIN4=14 PIN5 NOT USED, PIN6=GROUND, TO LEDS: LED GREEN: PLUS TO TERMINAL 13 LED YELLOW: PLUS AT TERMINAL 14 GROUNDING CONNECTION

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 Prohibitance (day/month/year)	07/01/2006		
SVHC substance name	Lead monoxide (lead oxide) CAS-No. 1317-36-8		
Net Weight	0.26 kg		
length of the sensor	117.8 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	without		
design of the switching function	positive opening		
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	plug, 6-pole + PU, DIN 43651		
Supply voltage			
supply voltage	24 V		
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=3SE2120-1AV00-0AF2>

Cax online generator

<https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SE2120-1AV00-0AF2>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SE2120-1AV00-0AF2>

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

https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SE2120-1AV00-0AF2&lang=en

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