

POSITION SWITCH METAL-ENCLOSED, ROLLER PLUNGER, SLOW-ACTION CONTACTS 2NO M12 CONNECTOR, 4 POLE, FIXED, PIN ASSIGN.: PIN1=23, PIN2=24, PIN3=13, PIN4=14 NO=PIN1+2, NO=PIN3+4

product designation		position switch				
suitability for use safety switch		No				
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		0.265 kg				
length of the sensor		132.5 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		0				
number of NO contacts for auxiliary contacts		2				
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		roller plunger				
standard-compliant actuator head		EN 50041, design C				
shape of the switch head		roller				
design of the switching function		NO contact				
circuit principle		slow-action contacts				
number of switching contacts safety-related		0				
Installation/ mounting/ dimensions						
fastening method		screw fixing				
Connections/ Terminals						
type of electrical connection		M12 plug, fixed, 4-pole				
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=3SE2120-7DV00-0AC4>

Cax online generator

<https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SE2120-7DV00-0AC4>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SE2120-7DV00-0AC4>

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

https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SE2120-7DV00-0AC4&lang=en

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