



POSITION SWITCH, METAL-ENCLOSED, WITH OPTICAL SIGNALLING DEVICE
MAGNETIC FIELD-LOCK, DC 24V, M20 X 1.5

product designation	position switch with tumbler		
design of the product	with separate actuator		
suitability for use safety switch	Yes		
General technical data			
locking force	2 000 N		
protection class IP	IP67		
reference code according to IEC 81346-2	S		
Substance Prohibitance (day/month/year)	07/01/2006		
Net Weight	0.8 kg		
length of the sensor	141.5 mm		
width of the sensor	45 mm		
Ambient conditions			
ambient temperature	-30 ... +70 °C		
• during operation			
number of NC contacts for auxiliary contacts	2		
Enclosure			
design of the housing	special design		
material of the enclosure	metal		
coating of the enclosure	painted		
design of the housing according to standard	No		
locking mechanism design	magnetic field lock		
Drive Head			
design of the actuating element	separate actuator		
design of the switching function	positive opening		
number of directions of actuation	4		
circuit principle	slow-action contacts		
number of switching contacts safety-related	2		
number of NO contacts for auxiliary contacts	2		
Installation/ mounting/ dimensions			
fastening method	screw fixing		
Connections/ Terminals			
type of electrical connection	screw terminal		
Approvals Certificates			
General Product Approval	Test Certificates	Maritime application	other



[Miscellaneous](#)



[Confirmation](#)

[Confirmation](#)



Environment

[Environmental Confirmations](#)

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=3SE2830-1XX20>

Cax online generator

<https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SE2830-1XX20>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SE2830-1XX20>

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

https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SE2830-1XX20&lang=en

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