



Actuator head for position switch 3SE51 Roller plunger with 3 mm overtravel
Stainless steel roller 13 mm functional at -40 °C

product brand name	SIRIUS		
product designation	actuator head for position switch		
product type designation	3SE5		
General technical data			
product function positive opening	Yes		
shock resistance			
• according to IEC 60068-2-27	30 g / 11 ms		
• for railway applications according to EN 61373	Category 1, Class B		
vibration resistance			
• according to IEC 60068-2-6	0.35 mm/5 g		
• for railway applications according to EN 61373	Category 1, Class B		
mechanical service life (operating cycles) typical	15 000 000		
material of the enclosure of the switch head	metal		
reference code according to IEC 81346-2	T		
active principle	mechanical		
Substance Prohibitance (day/month/year)	07/01/2006		
Net Weight	0.056 kg		
minimum actuating force in directions of actuation	20 N		
Ambient conditions			
ambient temperature			
• during operation	-40 ... +85 °C		
• during storage	-40 ... +90 °C		
explosion protection category for dust	none		
Enclosure			
coating of the enclosure	Other types		
Drive Head			
design of the actuating element	Roller plunger, high-grade steel roller		
standard-compliant actuator head	EN 50041, design C		
shape of the switch head	roller		
outer diameter of the switch head	13 mm		
Installation/ mounting/ dimensions			
mounting position	any		
fastening method	lockable plug-in fixing		
design of the interface for safety-related communication	without		
Communication/ Protocol			
design of the interface	without		
Approvals Certificates			
General Product Approval		Test Certificates	other



[Type Test Certificates/Test Report](#)

[Confirmation](#)

other

Environment

[Confirmation](#)



[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=3SE5000-0AD02-1AJ0>

Cax online generator

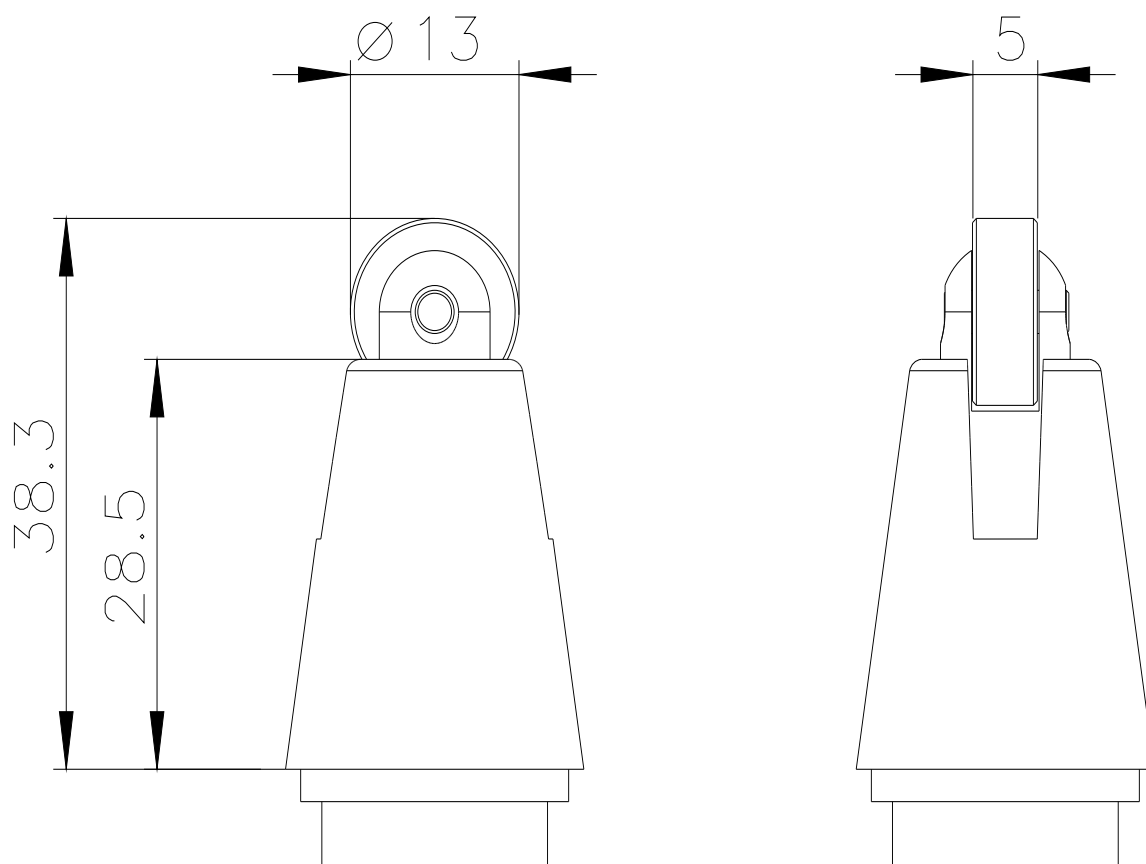
<https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SE5000-0AD02-1AJ0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SE5000-0AD02-1AJ0>

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

https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SE5000-0AD02-1AJ0&lang=en



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