



Actuator head for position switch 3SE51 Rounded plunger with 3 mm overtravel stainless steel plunger 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	0.04 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	Rounded plunger, high-grade steel plunger
standard-compliant actuator head	EN 50041, design B
shape of the switch head	rounded
outer diameter of the switch head	10 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



[Type Test Certificates/Test Report](#)

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=3SE5000-0AC02-1AJ0>

Cax online generator

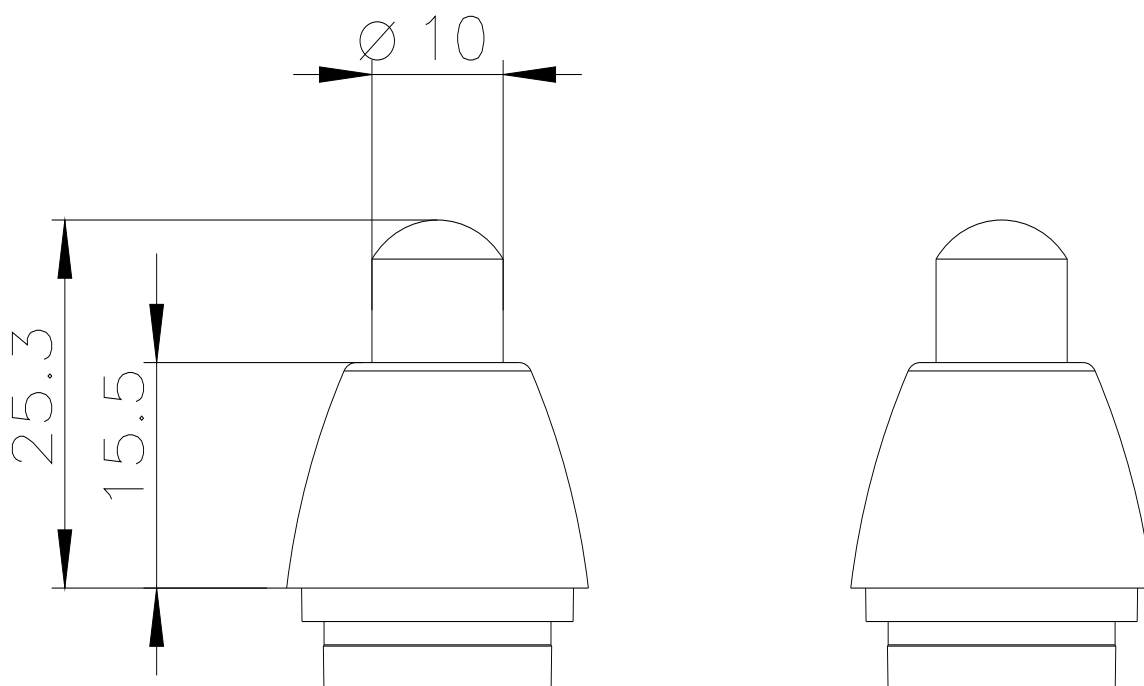
<https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SE5000-0AC02-1AJ0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SE5000-0AC02-1AJ0>

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

https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SE5000-0AC02-1AJ0&lang=en



last modified:

4/4/2026