

MAGNETIC SWITCH SWITCH BLOCK,
ROUND M30, CONTACTS 1NC/1NO,
WITH M12 PLUG 4-POLE,
PIN ASSIGN.:PIN1=21, PIN2=22, PIN3=13,
PIN4=14



General technical details:

product designation		magnetically operated switch, switch block
Design of the product		round sensor unit, M30
Product function / cross circuit/short circuit recognition		Yes
Product function / positive opening		No
Suitability for use / safety-related circuits		Yes
Switching frequency	Hz	5
Secure switching distance OFF:	mm	15
Secure switching distance ON	mm	5
Design of the evaluation unit / required		yes
Item designation / according to DIN 40719 extendable after IEC 204-2 / according to IEC 750		S
Item designation / according to DIN EN 61346-2		S

Enclosure:

Type of mounting		screw fixing
Design of the housing		cylinder, thread
Material		plastic
- of the enclosure - of the active sensor area		plastic
Diameter of the sensor	mm	30

Length of the sensor	mm	48
Mechanical installation condition for sensor		no flush installation possible

Drive Head:

Design of the operating mechanism	magnet
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Contact:

Design of the contact element	reed switches
Design of the switching function	NC contact and NO contact
Number of NC contacts / for auxiliary contacts	1
Number of NO contacts / for auxiliary contacts	1
Number of change-over switches / for auxiliary contacts	0
Design of the electrical connection	connector M12

Ambient conditions:

Ambient temperature	°C	-25 ... +70
• during operating		

Certificates/approvals:

Protection class IP	IP67
Verification of suitability	CE / UL / CSA
Safety Integrity Level (SIL) / according to IEC 61508	SIL3
Performance level (PL) / according to ISO 13849-1	e
Category / according to EN 954-1	4

General Product
Approval

Functional Safety / Safety of Machinery

Declaration of
Conformity

other



[other](#)



[other](#)

Further information:

Information- and Downloadcenter (Catalogs, Brochures,...)

<http://www.siemens.com/industrial-controls/catalogs>

Industry Mall (Online ordering system)

<http://www.siemens.com/industrial-controls/mall>

CAX-Online-Generator

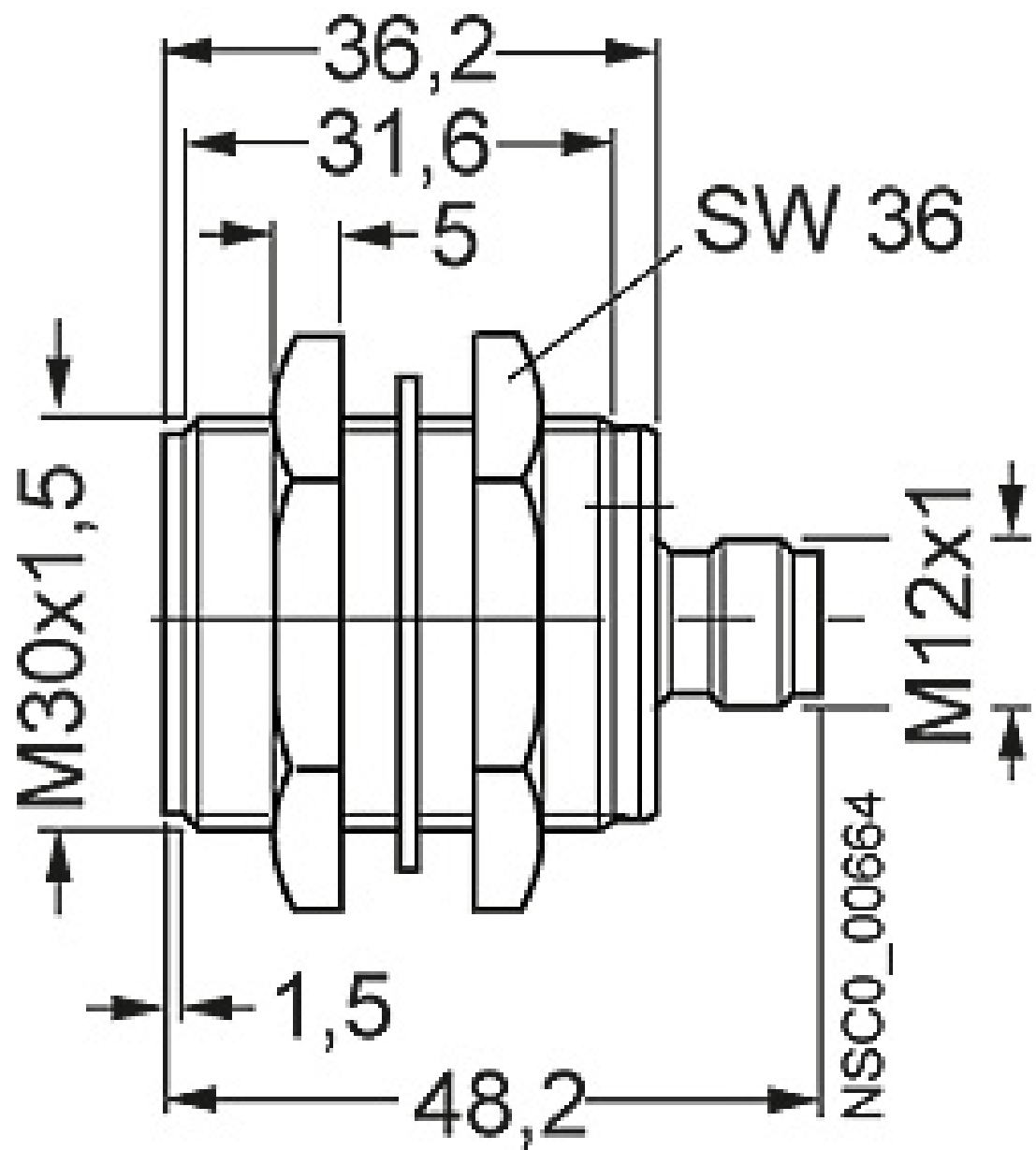
<http://www.siemens.com/cax>

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

<http://support.automation.siemens.com/WW/view/en/3SE6605-1BA02/all>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3SE6605-1BA02



last change:

Feb 18, 2013