

## Product data sheet

Item No. R1.188.2370.0

### Device for monitoring of safety-related circuits SNV4074SL-A 300s AC115-230V

Base unit, single-channel or two-channel control, automatic-/ manual reset with reset switch monitoring, 2 immediate switching current paths, 2 enabling current path off-delayed not retriggerable, 2 signalling contacts immediately, 2 signalling contacts off-delayed, 0 - 300s, AC 115-230 V, screw-terminals pluggable



Item No.	R1.188.2370.0
EAN	4046521300669
Order Unit	1 Piece(s)

#### Certificates / Approvals



#### Technical data

##### General

Function display	5 LED, grün/rot
Creepage distances and clearances between the circuits	EN 60664-1
Protection degree according to DIN EN 60529 (housing)	IP40
Protection degree according to DIN EN 60529 (terminals)	IP20
Ambient temperature min.	-25 °C
Ambient temperature max.	55 °C
Wire ranges screw terminals, fine-stranded / solid	1 x 0,2 mm <sup>2</sup> - 2,5 mm <sup>2</sup> / 2 x 0,2 mm <sup>2</sup> - 1,0 mm <sup>2</sup>
Wire ranges screw terminals, fine-stranded with ferrules	1 x 0,25 mm <sup>2</sup> - 2,5 mm <sup>2</sup> / 2 x 0,25 mm <sup>2</sup> - 1,0 mm <sup>2</sup>
Permissible torque min.	0.5 Nm
Permissible torque max.	0.6 Nm
Tightening moment	0.6 Nm
Weight	0.35 kg
Standards	EN ISO 13849-1EN 62061
Suited for safety functions	Yes
With muting function	No
Feedback circuit	Yes
Start contact	Yes
Stop category acc. to IEC 60204	1
Rail mounting possible	Yes

**Connection Data**

Detachable clamps	Yes
Type of electric connection	Screw connection

**Application**

Model	Basic device
Suitable for monitoring of magnetic switches	Yes
Suitable for monitoring of proximity switches	Yes
Suitable for monitoring of emergency-stop circuits	Yes
Suitable for monitoring of optoelectronic protection equipment	Yes
Suitable for monitoring of position switches	Yes

**Output circuit**

Enabling paths	Normally open contact
Enabling paths, time delayed	Normally open contact, off delay
Signaling paths	Opener
Contact material	Ag-alloy, gold-plated
Rated switching voltage, enabling paths AC	230 V
Rated switching voltage, enabling paths DC	24 V
Rated switching voltage, signaling paths AC	230 V
Rated switching voltage, signaling paths DC	24 V
Max. thermal current I	6 A
Max. thermal current I	2 A
Max. total current I <sup>2</sup> of all current path	25 A <sup>2</sup>
Application category AC-15 (NO)	Ue 230V, Ie 3A
Application category DC-13 (NO)	Ue 24V, Ie 3A
Short-circuit protection (NO), max. fuse insert	6 A class gG fuse, fuse integral < 100 A <sup>2</sup> s
Mechanical life	10 <sup>7</sup> switching cycles
Outputs, signalling function, undelayed, with contact	2
Outputs, signalling function, delayed, with contact	2
Outputs, safe, undelayed, with contact	2
Outputs, safe, delayed, with contact	2

**Control circuit**

Response time tA1	200 ms
Response time tA2	200 ms
Min. switch-on time	100 ms
Recovery time tW	> 50 ms
Release time tR	< 20 ms
Release time tR, delayed contacts (tolerance)	0 - 300 s (+ 0,1 %, + 15ms)
Type of switch function of the inputs	Normally open contact
Evaluation inputs	2-channel

**Supply circuit**

Nominal voltage U	AC 115-230 V
Rated consumption AC	6.3 VA
Electrical isolation supply circuit - control circuit	Yes
Min. rated control supply voltage at AC 50 Hz	98 V
Max. rated AC voltage for controls, 50 Hz	253 V
Rated control supply voltage at AC 60HZ	98 V
Rated control supply voltage at AC 50HZ	253 V

**Dimensions**

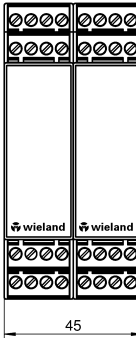
Depth	114 mm
Width	45 mm
Height	96.5 mm

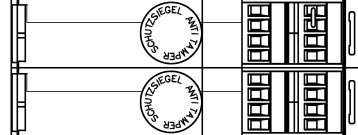
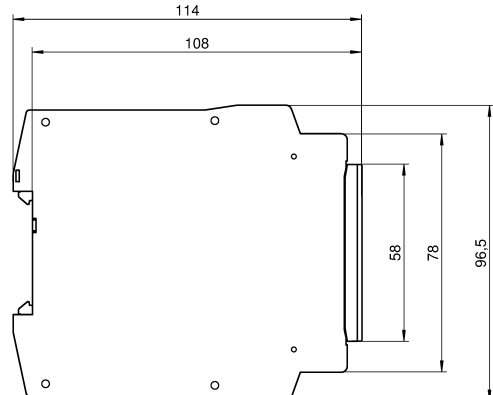
## Technical drawing

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Teile-Nr. / Part-No.
R1.188.2040.0
R1.188.2070.0
R1.188.2100.0
R1.188.2130.0
R1.188.2160.0
R1.188.2190.0
R1.188.2220.0
R1.188.2250.0
R1.188.2280.0
R1.188.2310.0
R1.188.2340.0
R1.188.2370.0
R1.188.2470.0
R1.188.2500.0
R1.188.2530.0
R1.188.2560.0
R1.188.2590.0
R1.188.2620.0
R1.188.2650.0
R1.188.2680.0
R1.188.2710.0
R1.188.2740.0
R1.188.2770.0
R1.188.2800.0
R1.188.3120.0
R1.188.3510.0



Werte für die Abmessungen sind in mm angegeben. Die Abmessungen sind in der Zeichnung angegeben. Die Abmessungen sind in der Zeichnung angegeben.

Weitere Angaben siehe KATALOG oder eKatalog. Additional data see CATALOG or eCatalog. [www.wieland-electric.com](http://www.wieland-electric.com) [eshop.wieland-electric.com](http://eshop.wieland-electric.com)

ja/yes <input type="checkbox"/> Stoffverbots- und Deklarationsliste nach NN 5020.010 ist einzuhalten. Conformity with Wieland document NN 5020.010 e (list of prohibited / declarable hazardous substances) to be declared	
Freiheiten nach General tolerance	CAD-Zeichnung, keine manuellen Änderungen CAD-Drawing, no manual modifications allowed 1. Verwendung: First Use:
Werkstoff/ Material Maßstab/Scale	2014 05.06. Kötznner Zeichnung Nr. / Drawing No. <b>T R1.188.3120.0 01K</b> Maße in mm/Dimensions are in mm
Datei/ File: 030021_A01K_R1.188.3120.0.DCD 03.02.15 Kötznner 1. Änderung/ Revision	Ersatz für/ Replacement for: Type Benennung/ Title: Maßbildzeichnung/dimension drawing Standardgehäuse u. -deckel, Baubreite 45mm, Schraubklemmen steckbar standard housing and cover, overall with 45mm plug-in pcb terminal

R11883120001K\_1 CADW3072 Kötznner 2015-02-04T14:01:36 1.000

Technical changes reserved

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