

product data sheet

item no. R1.188.3480.0

stand still monitor SNS 4084K-A DC 24V 99 HZ

Zero-speed monitor (Frequency range 0.5 - 99 Hz) with start-up-bridging- function, automatic-/ manual reset with reset-button monitoring, 4 safe semiconductor outputs, DC 24 V, screw terminals pluggable



item no.	R1.188.3480.0
EAN	4046521310811
order unit	1 piece(s)

certificates / approvals



technical data

general

function display	12 LED, green/red
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 ² - 2.5 mm ² / 2 x 0.2 mm ² - 1.0 mm ²
wire ranges screw terminals, fine-stranded with ferrules	1 x 0.25 mm ² - 2.5 mm ² / 2 x 0.25 mm ² - 1.0 mm ²
permissible torque min.	0.5 Nm
permissible torque max.	0.6 Nm
tightening moment	0.6 Nm
weight	0.16 kg
standards	EN ISO 13849-1EN 62061EN 62061
suitable for safety functions	yes
with muting function	no
feedback circuit	yes
start contact	yes
stop category acc. to IEC 60204	0
rail mounting possible	yes

connection data

detachable clamps	yes
type of electric connection	screw connection

application

model	basic device
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suitable for monitoring of magnetic switches	no
suitable for monitoring of proximity switches	yes

output circuit

enabling paths	solid state (plus), safe output
signaling paths	solid state (plus), not safe
rated switching voltage, enabling paths DC	30 V
max. thermal current I_{th} , enabling paths	2 A
max. total current I^2 of all current path	4 A ²
short-circuit protection (NO), max. fuse insert	short-circuit proof
outputs, signalling function, undelayed, with contact	2
outputs, safe, undelayed, with contact	4

control circuit

nominal output voltage DC	24 V
input current (safety circuit / reset circuit)	3 mA
max. peak current (safety circuit / reset circuit)	3.8 mA
min. switch-on time	100 ms
recovery time t_W	> 100 ms
max. resistivity, per channel	100 m
evaluation inputs	2-channel

supply circuit

nominal voltage U_N	DC 24 V
rated consumption DC	1.8 W
electrical isolation supply circuit - control circuit	no
min. rated DC voltage for controls	20.4 V
max. rated DC voltage for controls	30 V

dimensions

depth	114 mm
width	22.5 mm
height	96.5 mm

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R1.188.0470.0
R1.188.0480.0
R1.188.0490.0
R1.188.0500.1
R1.188.0530.1
R1.188.0590.0
R1.188.0620.0
R1.188.0640.0
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R1.188.1070.0
R1.188.1120.0
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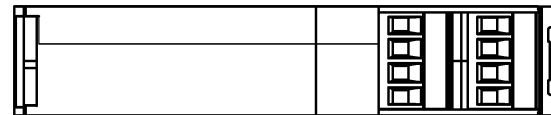
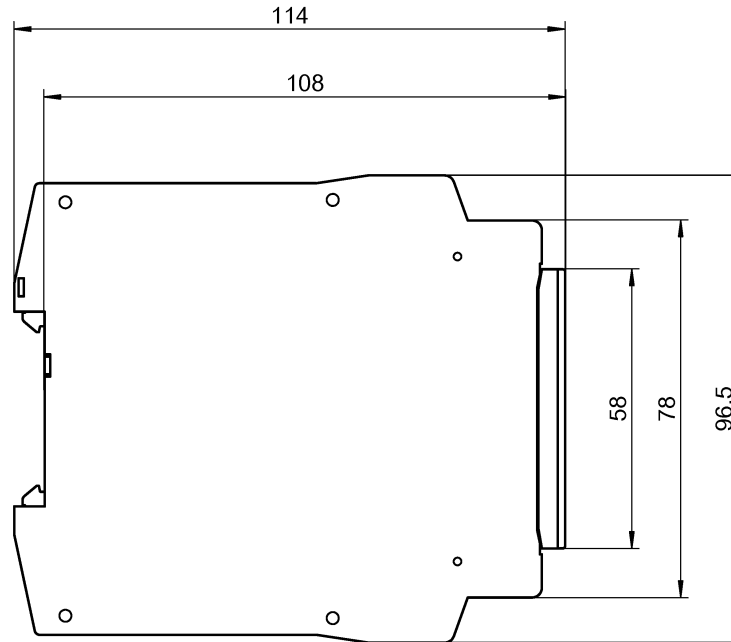
Teile Nr. / Part No.
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Additional data see CATALOG or eCatalog.

www.wieland-electric.com
eshop.wieland-electric.com

☐ ja/yes ☐ Stoffverbots- und Deklarationsliste nach WN 5020.010 ist einzuhalten.
Conformity with Wieland document WN 5020.010 e (list of prohibited / declarable hazardous substances) to be declared!

Freitoleranz nach General tolerance			CAD-Zeichnung, keine manuellen Änderungen CAD-Drawing, no manual modifications allowed			1. Verwendung: First Use:		Blatt: Sheet:	
			Werkstoff/ Material		2014	Tag/ Date	Name	Zeichnung Nr./ Drawing No. T R1.188.0460.0 01K	
Ⓔ	22.04.16	Maßstab/Scale			gezeichnet drawn	06.06.	Kötzner		
Ⓓ	17.03.15				geprüft checked				
Ⓒ	03.02.15				Normgepr. Stand. check				
Datei/ File: 030181_E01K.DCD					Ersatz für/ Replacement for:			Maße in mm/Dimensions are in mm	
Ⓑ	04.07.14		www.wieland-electric.com		Type	Benennung/ Title Maßbildzeichnung/dimension drawing Standardgehäuse u. -deckel, Baubreite 22,5mm, Schraubenklemmen steckbar standard housing and cover, overall with 22,5mm plug-in pcb terminal			
Ⓐ	25.06.14								
Index	Datum/ Blatt Date/ Sheet								
Änderung/ Revision									

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