

Datasheet

Art.No. R1.188.3640.0

Standstill monitor SNS 4074K-A DC 24V 99 HZ

Zero-speed monitor (Frequency range 0,5 - 99 Hz) with bypass-function, automatic-/ manual reset with reset-button monitoring, 4 safe semiconductor outputs, DC 24 V, pluggable screw-clamps



Art.No.	R1.188.3640.0
EAN	4049088108495
Order unit	1 pieces

Approvals



Technical data

General

Function display	12 LED, green/red
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 0,14 mm ² - 2,5 mm ² / 2 x 0,14 mm ² - 0,75 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 - 0,5 mm ²
Permissible torque min.	0.5 Nm
Permissible torque max.	0.6 Nm
Tightening moment	0.6 Nm
Wire range cage clamp terminals	2 x 0,25mm ² - 1,5mm ²
Weight	0.16 kg
Standards	EN ISO 13849-1;EN 62061
Suited for safety functions	Yes
Category according to EN ISO 13849-1	4
Start contact	Yes
Performance level acc. to EN ISO 13849-1	e

Connection Data

Detachable clamps	Yes
Type of electric connection	Screw connection

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

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
max. resistivity, per channel	100 m

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	16.8 V
Max. rated DC voltage for controls	30 V

Dimensions

Depth	114 mm
Width	22.5 mm
Height	96.5 mm

Classification

ECLASS 8.1	27371811: Speed-/standstill monitoring relay
ETIM 5.0	EC001448: Speed-/standstill monitoring relay

