



Datasheet

Item No. R1.188.0500.1

Device for monitoring of safety-related circuits SNO4003

Base unit, single channel control, automatic-/ manual reset with reset switch monitoring, 3 enabling current paths, 1 signalling out put, AC/DC 24 V 50-60Hz, screw-terminals pluggable

Item No.	R1.188.0500.1
EAN	4015573808348
order unit	1 Piece(s)

Approvals





cŪLUS



(B)

Technical data

Category according to EN 954-1 2 Muring possible No Feedback circuit Yes Sait contat Yes Parformance level acc. to EN ISO 13849-1 d Sait contat 2 Rail mounting possible Performance level acc. to EN ISO 13849-1 Sait contat 4 Connection Bit Yes Connection Data Yes Eachable clamps Yes Connection Data Yes Delachable clamps Yes Sate connection Screw connection Application Yes Sutable for monitoring of magnetic switches No Sutable for monitoring of proximity switches Yes Sutable for monitoring of protectonic protection equipment No Sutable for monitoring of pakeids with contact 1 </th <th>General</th> <th></th>	General		
Muñg possibe Mo Feedback circuit Yes Feedback circuit Yes Stant contad Yes Scontad Yes Scontad Zecording to IEC 62061 Zecording to IEC 62061	Suited for safety functions	Yes	
Feedback circuit Yes Start contact Yes Performance level act. to RISO 13849-1 d Start contact d Rail mounting possible 2 Rail mounting possible Yes Connection Dat Yes Detachable clamps Yes Connection Connection Screw connection Application Screw connection Model Basic device Suitable for monitoring of magnetic switches No Suitable for monitoring of proximity awitches Yes Suitable for monitoring of proximity awitches Yes Suitable for monitoring of protection equipment No Suitable for monitoring of protection equipment No Suitable for monitoring of protection equipment No Outputs, signalling function, delayed, with contact 1 Outputs, signalling function, delayed, with contact 0 Outputs, signalling function, delayed, with contact 3 Outputs, signalling function, delayed, with contact 0 Outputs, signalling function, delayed, with contact 0 Outputs, s	Category according to EN 954-1	2	
Start contact Yes Performance lavel acc. to EN ISO 13849-1 d Stil. according to IEC 62061 2 Rail mounting possible 7es Connection Data Detachable clamps Ves Type of electric connection Screw connection Application Suitable for monitoring of magnetic switches Suitable for monitoring of proximity switches No Suitable for monitoring of positing switches Yes Suitable for monitoring of positing switches No Suitable for monitoring of positing switches Yes Outputs, signalling function, undelayed, with contact No Outputs, signalling function, undelayed, with contact 1 Outputs, signalling function, delayed, with contact 3 Outputs, signalling function, delayed, with contact 0 Outputs, signalling function, delayed, with contact 1 Output	Muting possible	No	
Performance level acc. to EN ISO 13849-1 d SiL according to IEC 62061 2 Rail mounting possible Yes Connection Data Sirew connection Detachable clamps Yes Application Screw connection Application Screw connection Application Basic device Suitable for monitoring of magnetic switches No Suitable for monitoring of proximity switches Yes Suitable for monitoring of engenetic-screptorection equipment No Suitable for monitoring of optoelectronic protection equipment No Suitable for monitoring of engenetic-screptorection equipment No Suitable for monitoring of optoelectronic protection equipment No Suitable for monitoring of engenetic-screptorection equipment No Outputs, signalling function, udelayed, with contact O Outputs, signalling function, udelayed, with contact 0 Outputs, signalling function, delayed, with contact 0 Outputs, signalling function, delayed, with contact 0 Outputs, signalling function, delayed, with contact 0 Outputs, signalling function,	Feedback circuit	Yes	
SiL according to IEC 62061 2 Rail mounting possible Yes Connection Data Yes Detachable clamps Yes Detachable clamps Screw connection Application Screw connection Application Basic device Suitable for monitoring of magnetic switches No Suitable for monitoring of proximity switches Yes Suitable for monitoring of protection equipment No Suitable for monitoring of protection equipment No Suitable for monitoring of protection equipment No Outputs, signalling function, undelayed, with contact 1 Outputs, signalling function, delayed, with contact 0 Control circuit Evaluation inputs <	Start contact	Yes	
All mounting possible Yes Connection Data Yes Detachable clamps Yes Type of electric connection Screw connection Application Screw connection Model Basic device Suitable for monitoring of magnetic switches No Suitable for monitoring of proximity switches Yes Suitable for monitoring of proximity switches Yes Suitable for monitoring of position switches Yes Suitable for monitoring of valves No Outputs, signalling function, udelayed, with contact No Outputs, signalling function, delayed, with contact 0 Outputs, signalling function, delayed, with contact 0 Outputs, signalling function, delayed, with contact 0 Outputs, signalling function, delayed, with contact 0 <t< td=""><td>Performance level acc. to EN ISO 13849-1</td><td>d</td></t<>	Performance level acc. to EN ISO 13849-1	d	
Connection Data Detachable clamps Yes Type of electric connection Screw connection Application Basic device Model Basic device Suitable for monitoring of magnetic switches No Suitable for monitoring of proximity switches Yes Suitable for monitoring of emergency-stop circuits Yes Suitable for monitoring of proximity switches Yes Suitable for monitoring of position switches No Suitable for monitoring of valves No Duputs, signalling function, undelayed, with contact No Outputs, signalling function, with contact 0 Outputs, signalling function, delayed, with contact 0 Outputs, signalling function, with contact 0 Outputs, signalling function, delayed, with contact 0 Outputs, signalling function, delayed, with contact 0 Outputs, signalling function, delayed, with contact 0 Out	SIL according to IEC 62061	2	
Detachable clamps Yes Type of electric connection Screw connection Application Baic device Model Baic device Suitable for monitoring of magnetic switches No Suitable for monitoring of proximity switches Yes Suitable for monitoring of emergency-stop circuits Yes Suitable for monitoring of position switches Yes Suitable for monitoring of position switches Yes Suitable for monitoring of position switches No Outputs, signalling function, undelayed, with contact No Outputs, signalling function, undelayed, with contact 0 Outputs, safe, delayed, with contact 0 Outputs, safe, delayed, with contact 0 Suitable in inputs	Rail mounting possible	Yes	
Type of electric connection Screw connection Application Basic device Model Basic device Suitable for monitoring of magnetic switches No Suitable for monitoring of proximity switches Yes Suitable for monitoring of proximity switches Yes Suitable for monitoring of prostimity switches Yes Suitable for monitoring of prostion switches Yes Suitable for monitoring of position switches No Suitable for monitoring of valves No Output signaling function, undelayed, with contact No Outputs, signaling function, undelayed, with contact 0 Outputs, signaling function, delayed, with contact 0 Outputs, signaling function, delayed, with contact 0 Outputs, safe, delayed, with contact 0 Outputs, safe, delayed, with contact 0 Outputs, safe, delayed, with contact 0 Cotrol circut Evaluation inputs Supply circut 1 Min. rated control supply voltage at AC 50 Hz 20.4 V Max. rated AC voltage for controls, 50 Hz 20.4 V	Connection Data		
Application Application Model Basic device Suitable for monitoring of magnetic switches No Suitable for monitoring of proximity switches Yes Suitable for monitoring of optoelectronic protection equipment No Suitable for monitoring of position switches Yes Suitable for monitoring of position switches Yes Suitable for monitoring of position switches Yes Suitable for monitoring of valves No Output circuit No Output signalling function, undelayed, with contact 1 Outputs, signalling function, undelayed, with contact 0 Outputs, safe, delayed, with contact 0 Outputs, safe, delayed, with contact 0 Outputs, safe, delayed, with contact 0 Control circuit 1-channel Supply circuit I-channel Supply circuit 20.4 V Max. rated AC voltage for controls, 50 Hz 26.4 V	Detachable clamps	Yes	
Model Basic device Suitable for monitoring of magnetic switches No Suitable for monitoring of proximity switches Yes Suitable for monitoring of proximity switches Yes Suitable for monitoring of optoelectronic protection equipment No Suitable for monitoring of position switches Yes Suitable for monitoring of position switches Yes Suitable for monitoring of valves No Output signalling function, undelayed, with contact No Outputs, signalling function, undelayed, with contact 0 Outputs, safe, undelayed, with contact 0 Outputs, safe, delayed, with contact 0 Outputs, safe, delayed, with contact 0 Suitable in inputs 1-channel Supply circut Supply circut Win. rated control supply voltage at AC 50 Hz 20.4 V	Type of electric connection	Screw connection	
Suitable for monitoring of magnetic switches No Suitable for monitoring of proximity switches Yes Suitable for monitoring of emergency-stop circuits Yes Suitable for monitoring of optoelectronic protection equipment No Suitable for monitoring of position switches Yes Suitable for monitoring of position switches No Suitable for monitoring of position switches Yes Suitable for monitoring of valves No Outputs, signalling function, undelayed, with contact 0 Outputs, safe, delayed, with contact 1 Contro	Application		
Suitable for monitoring of proximity switches Yes Suitable for monitoring of emergency-stop circuits Yes Suitable for monitoring of optoelectronic protection equipment No Suitable for monitoring of position switches Yes Suitable for monitoring of position switches Yes Suitable for monitoring of valves No Output circuit No Output signalling function, undelayed, with contact 1 Outputs, signalling function, delayed, with contact 0 Outputs, safe, delayed, with contact 0 Outputs, safe, delayed, with contact 0 Outputs, safe, delayed, with contact 0 Control circuit Evaluation inputs Evaluation inputs 1-channel Supply circuit Supply circuit Win. rated controls upply voltage at AC 50 Hz 20.4 V Max. rated AC voltage for controls, 50 Hz 20.4 V	Model	Basic device	
Suitable for monitoring of emergency-stop circuits Yes Suitable for monitoring of optoelectronic protection equipment No Suitable for monitoring of position switches Yes Suitable for monitoring of position switches No Suitable for monitoring of position switches No Output circuit No Outputs, signalling function, undelayed, with contact 1 Outputs, signalling function, delayed, with contact 0 Outputs, safe, undelayed, with contact 0 Outputs, safe, delayed, with contact 0 Outputs, safe, delayed, with contact 0 Control circuit 1 Evaluation inputs 1 Suitable for control supply voltage at AC 50 Hz 20.4 V Max. rated AC voltage for controls, 50 Hz 20.4 V	Suitable for monitoring of magnetic switches	No	
Suitable for monitoring of optoelectronic protection equipment No Suitable for monitoring of position switches Yes Suitable for monitoring of valves No Output circuit No Outputs, signalling function, undelayed, with contact 1 Outputs, signalling function, delayed, with contact 0 Outputs, signalling function, delayed, with contact 0 Outputs, safe, undelayed, with contact 0 Outputs, safe, delayed, with contact 0 Outputs, safe, delayed, with contact 0 Control circuit 2 Evaluation inputs 1-channel Supply circuit 1-channel Min. rated control supply voltage at AC 50 Hz 20.4 V Max. rated AC voltage for controls, 50 Hz 26.4 V	Suitable for monitoring of proximity switches	Yes	
Suitable for monitoring of position switches Yes Suitable for monitoring of valves No Output circuit I Outputs, signalling function, undelayed, with contact 1 Outputs, signalling function, delayed, with contact 0 Outputs, safe, undelayed, with contact 3 Outputs, safe, delayed, with contact 0 Outputs, safe, delayed, with contact 0 Outputs, safe, delayed, with contact 0 Control circuit I Evaluation inputs 1-channel Supply circuit 20.4 V Min. rated control supply voltage at AC 50 Hz 20.4 V Max. rated AC voltage for controls, 50 Hz 26.4 V	Suitable for monitoring of emergency-stop circuits	Yes	
Suitable for monitoring of valves No Output circuit Outputs, signalling function, undelayed, with contact 1 Outputs, signalling function, delayed, with contact 0 0 Outputs, signalling function, delayed, with contact 0 0 Outputs, safe, undelayed, with contact 3 0 Outputs, safe, delayed, with contact 0 0 Outputs, safe, delayed, with contact 0 0 Control circuit 1 1 1 Evaluation inputs 1 1 1 1 Supply circuit 1 1 1 1 1 Min. rated control supply voltage at AC 50 Hz 20.4 V 20.4 V 20.4 V	Suitable for monitoring of optoelectronic protection equipment	No	
Output circuit Outputs, signalling function, undelayed, with contact 1 Outputs, signalling function, delayed, with contact 0 Outputs, signalling function, delayed, with contact 3 Outputs, safe, undelayed, with contact 0 Outputs, safe, delayed, with contact 0 Outputs, safe, delayed, with contact 0 Control circuit 1 Evaluation inputs 1-channel Supply circuit 20.4 V Min. rated control supply voltage at AC 50 Hz 20.4 V Max. rated AC voltage for controls, 50 Hz 26.4 V	Suitable for monitoring of position switches	Yes	
Outputs, signalling function, undelayed, with contact 1 Outputs, signalling function, delayed, with contact 0 Outputs, safe, undelayed, with contact 3 Outputs, safe, delayed, with contact 0 Outputs, safe, delayed, with contact 0 Outputs, safe, delayed, with contact 0 Control circuit 1-channel Evaluation inputs 1-channel Supply circuit 20.4 V Min. rated control supply voltage at AC 50 Hz 20.4 V Max. rated AC voltage for controls, 50 Hz 26.4 V	Suitable for monitoring of valves	No	
Outputs, signalling function, delayed, with contact 0 Outputs, safe, undelayed, with contact 3 Outputs, safe, delayed, with contact 0 Control circuit 0 Evaluation inputs 1-channel Supply circuit 20.4 V Min. rated control supply voltage at AC 50 Hz 20.4 V Max. rated AC voltage for controls, 50 Hz 26.4 V	Output circuit		
Outputs, safe, undelayed, with contact 3 Outputs, safe, delayed, with contact 0 Control circuit 1 Evaluation inputs 1-channel Supply circuit 20.4 V Min. rated control supply voltage at AC 50 Hz 20.4 V Max. rated AC voltage for controls, 50 Hz 26.4 V	Outputs, signalling function, undelayed, with contact	1	
Outputs, safe, delayed, with contact 0 Control circuit 1-channel Evaluation inputs 1-channel Supply circuit 20.4 V Min. rated AC voltage for controls, 50 Hz 26.4 V	Outputs, signalling function, delayed, with contact	0	
Control circuit Evaluation inputs 1-channel Supply circuit 20.4 V Min. rated Control supply voltage at AC 50 Hz 20.4 V Max. rated AC voltage for controls, 50 Hz 26.4 V	Outputs, safe, undelayed, with contact	3	
Evaluation inputs 1-channel Supply circuit 20.4 V Min. rated control supply voltage at AC 50 Hz 20.4 V Max. rated AC voltage for controls, 50 Hz 26.4 V	Outputs, safe, delayed, with contact	0	
Supply circuit Min. rated control supply voltage at AC 50 Hz Max. rated AC voltage for controls, 50 Hz 26.4 V	Control circuit		
Min. rated control supply voltage at AC 50 Hz 20.4 V Max. rated AC voltage for controls, 50 Hz 26.4 V	Evaluation inputs	1-channel	
Max. rated AC voltage for controls, 50 Hz 26.4 V	Supply circuit		
•	Min. rated control supply voltage at AC 50 Hz	20.4 V	
Rated control supply voltage at AC 60HZ 20.4 V	Max. rated AC voltage for controls, 50 Hz	26.4 V	
	Rated control supply voltage at AC 60HZ	20.4 V	

Page 1 / 2





Rated control supply voltage at AC 50HZ	26.4 V	
Dimensions		
Depth	114 mm	
Width	22.5 mm	
Height	96.5 mm	