

**SN05D12-1508-M (Order no. 086594)**

## Technical data

### Approvals



### Electrical connection values

Fuse	max. 8 A gG
Connection cross section	0.34 ... 1.5 mm <sup>2</sup>
Rated insulation voltage $U_i$	250 V
Rated impulse voltage $U_{imp}$	2.5 kV
Utilization category	
	AC-12 8 A 250 V
	AC-15 6 A 230 V
	DC-13 6 A 24 V

### Switching current

min. at DC 24V	min. 10 mA (applies to station 1 with switching element ES508)
min. at DC 12V	min. 10 mA (applies from station 2 with switching element ES502E)

thermal rated current $I_{th}$	8 A
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### Mechanical values and environment

Anfahrgeschwindigkeit	0.01 ... 40 m/min
Connection type	2 x M20 x 1.5
Number NC contacts	4
Number of switching elements	5
Number of NO contacts	4
Number of positively driven contacts	1
Design	upright

Actuating element	Chisel plunger (Operating point accuracy $\pm 0.002$ . The reproducible operating point accuracy refers to the axial travel of the plunger after the switching element ES 502 E has been run-in with approx. 2,000 operating cycles.)				
Actuating force	min. 20 N				
Installation orientation	any				
Storage temperature	-25 ... 80 °C				
Mechanical life	30 x 10 <sup>6</sup>				
Switching principle	<p>Snap-action switching contact (Contact closing time &lt; 4 ms, contact bounce time &lt; 3 ms, applies from station 2 with switching element ES502E)</p> <p>Slow-action switching contact (applies to station 1 with switching element ES508)</p>				
Degree of protection	IP67				
Plunger spacing	12 mm				
Ambient temperature	-5 ... 80 °C				
Material	<table border="0"> <tr> <td>Housing</td> <td>Die-cast aluminum, anodized</td> </tr> <tr> <td>Contact</td> <td>Silver alloy, gold flashed</td> </tr> </table>	Housing	Die-cast aluminum, anodized	Contact	Silver alloy, gold flashed
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### Characteristic values according to EN ISO 13849-1 and EN IEC 62061

B <sub>10D</sub>	20 x 10 <sup>6</sup>
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### Miscellaneous

Additional information	<p>Mixed contact assembly</p> <p>(On upright multiple limit switches, it is necessary to start with the safety station/s from the flange side. If several safety stations are to be installed, these must be installed directly one after the other.)</p>
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