

SN02D12-502-X300SGLM5-MC2442 (Order no. 124758)

Technical data

Approvals



Electrical connection values

Fuse	max. 4 A gG
Rated insulation voltage U_i	50 V
Rated impulse voltage U_{imp}	1.5 kV
Utilization category	
	DC-13 4 A 24 V
	AC-15 4 A 30 V
Switching current	
	min. at DC 12V min. 10 mA
thermal rated current I_{th}	4 A

Mechanical values and environment

Anfahrgeschwindigkeit	0.01 ... 40 m/min
Connection type	Cable with M12 plug (4-pin + PE)
Number NC contacts	2
Number of switching elements	2
Number of NO contacts	2
Design	upright
Actuating element	Chisel plunger
Actuating force	min. 20 N
Installation orientation	any
Storage temperature	-25 ... 80 °C
Mechanical life	30 x 10 ⁶
Contact bounce time	max. 3 ms
Switching principle	Snap-action switching contact

Operating point accuracy

± 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.)

Schließzeit

max. 4 ms

Degree of protection

IP67

Plunger spacing

12 mm

Ambient temperature

-5 ... 80 °C

Material

Housing

Die-cast aluminum, anodized

Contact

Silver alloy, gold flashed

Miscellaneous

C number

C2442