

GLBF02X16-772LSFM5-MC2103 (Order no. 096077)

Technical data

Approvals



Workspace

Rated operating distances S_n	5 mm
Assured operating distances S_a	0 ... 4 mm (Dimension applies only to steel (ST37) and to EUCHNER trip dogs of series UX../GX..)
Switching hysteresis	max. 0.5 mm
Repeat accuracy R	5 %

Operating and display elements

LED display	Yes
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Electrical connection values

Connection cross section	max. 1.5 mm ² (Screw terminal)
Output type	PNP
Rated operating current I_e	250 mA
Rated insulation voltage U_i	60 V
Operating voltage	DC 10 ... 55 V
EMC protection requirements	EN IEC 60947-5-2
Utilization category	DC-12 (Utilization category DC-13: The output must be protected with a free-wheeling diode for inductive loads.)
Short circuit and overload protection, pulsed	Yes
No-load current I_0	15
Off-state current I_r	max. 0.001 mA

Residual ripple	max. 10 %
Voltage drop U_d	max. 2.5 V
Reverse polarity protection	Yes

Mechanical values and environment

Connection type	
	4 x M25 x 1.5
	internal Connection terminals
Number of NC contacts/NO contacts (NO + NC)	2
Number of switching elements	2
Design	horizontal
Switching frequency	max. 500 Hz
Proximity switch spacing	12 mm
Storage temperature	-25 ... 70 °C
Switching principle	NO + NC
Degree of protection	IP67
Plunger spacing	16 mm
Ambient temperature	-25 ... 70 °C
Material	
	Housing Die-cast aluminum
	Active face PBT

Miscellaneous

C number	C2103
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