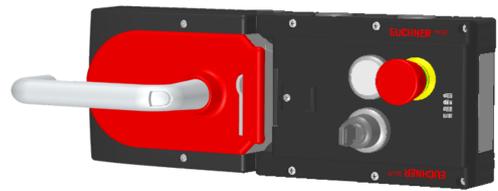


MGB-L1HE-ARA-L-123266 (Order no. 123266)



Risk time according to EN 60947-5-3	max. 350 ms				
Risk time according to EN 60947-5-3, extension for each additional device	max. 5 ms				
Safety class	III				
Transponder coding	Unicode				
Degree of contamination (external, according to EN 60947-1)	3				
Solenoid control input IMP1, IMP2, IMM					
Test pulse duration	max. 5 ms				
Test pulse interval	min. 100 ms				
Controls and indicators					
Breaking capacity	max. 0.25 W				
Switching voltage	U_A V				
Switching current	1 ... 10 mA				
LED power supply	24 V DC				
Emergency stop					
Breaking capacity	max. 0.25 W				
Switching voltage	5 ... 24 V				
Switching current	1 ... 100 mA				
LED power supply	24 V DC				
Monitoring outputs OD, OT, OL, OI					
Output type	Semiconductor outputs, p-switching, short circuit-proof				
Output voltage	$U_A - 2V \dots U_A$ V DC (Value at a switching current of 50mA without taking into account the cable lengths)				
Output current	max. 50 mA				
Safety outputs F01A, F01B					
Output type	Semiconductor outputs, p-switching, short circuit-proof				
Output voltage	<table border="0" style="width: 100%;"> <tr> <td style="text-align: center;">U_{F01A} / U_{F01B} LOW</td> <td>0 ... 1 V DC</td> </tr> <tr> <td style="text-align: center;">U_{F01A} / U_{F01B} HIGH</td> <td>$U_B - 2V \dots U_B$ V DC</td> </tr> </table> (Value at a switching current of 50mA without taking into account the cable lengths)	U_{F01A} / U_{F01B} LOW	0 ... 1 V DC	U_{F01A} / U_{F01B} HIGH	$U_B - 2V \dots U_B$ V DC
U_{F01A} / U_{F01B} LOW	0 ... 1 V DC				
U_{F01A} / U_{F01B} HIGH	$U_B - 2V \dots U_B$ V DC				

Material

Housing Fiber glass reinforced plastic; nickel-plated die-cast zinc; stainless steel

Locking force F_{Zh} 2000 N

Guard locking principle Closed-circuit current principle

Characteristic values according to EN ISO 13849-1 and EN IEC 62061

	PL	Maximum SIL	PFH _D	Category	Mission time
Control of guard locking	PL e	–	2.8×10^{-9}	4	20 y
Monitoring of the guard position	PL e	–	3.7×10^{-9}	4	20 y
Guard lock monitoring	PL e	–	3.7×10^{-9}	4	20 y

	B10 _D	Mission time
Emergency stop	0.13×10^6	20 y

Miscellaneous

Product version number V4.0.0

Additional feature incl. lens set, ID no. 120344