

The 'SGL' is a heavy duty, surface mounted electro-mechanical bolt lock. Designed for high security perimeter gate installations. 'SGL' features a 24 volt powered solenoid bolt retraction, with automatic latching upon gate closure. An ideal choice where controlled access is required to a secure facility.



Controlled exit, with optional mechanical override in case of power failure, is available. Manufactured in 316 stainless steel for hostile environments and durability.

FEATURES

- Surface mounted for maximum strength
- 22 mm (7/8") diameter bolt x 20 mm (3/4") throw
- Fully Stainless steel construction for corrosion resistance and durability
- Tested to over 1,000,000 cycles
- Key override entry facility built in as standard
- To suit Rim and profile cylinders (order cylinder separately)

BENEFITS

- Automatically secured upon gate closure
- Easily integrated with any proprietary access control system
- Engineered for longevity and trouble-free service
- Easy retrofit, to upgrade existing gates

OPTIONAL ENHANCEMENTS

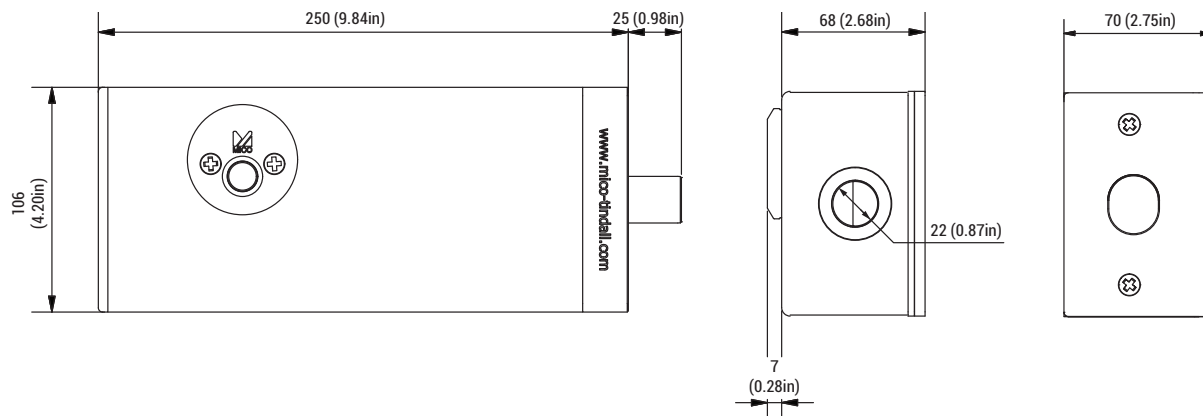
- Internal key override in case of power failure (order cylinder separately to activate)
- Cylinder guard protection available from our tested and accredited range
- Breakdome over thumbturn and lever handle to control exit

PRODUCT PERFORMANCE CHART

☐ Indicates product has been certified, or tested & approved as part of a complete doorset assembly.
Product certification is subject to the chosen lock configuration, for full details please contact the sales office.

SECURITY																	SAFETY	BALLISTIC	BLAST	FIRE	CORROSION	CYCLES		
LPS 1175								LPS 1673 (AR.)					FEBR (min)	EN 1627	STS 202	PAS 24							LPS 2081	
Issue 7	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8																
Issue 8	A	B	C	D	E	F	G	H	TIME	A	B	C	D											
20 MIN									300 SEC					60	RC6	BR6	PAS 24	SRB	EN 1125	EN1522 FB1-7	ISO 16933 EXV 15/25	UL 10C	GR5	1 MIL
15 MIN									240 SEC						RC5	BR5								
10 MIN									180 SEC					15	RC4	BR4			EN 179	UL752 Level 1-10		EN 1634-1	GR4	500K
5 MIN									120 SEC						RC3	BR3								GR3
3 MIN									60 SEC					5	RC2	BR2	SRA	UL 305	NIJ 0108.01 Level 1-4	ASTM F2927 Cat 1	CERTIFIRE		GR2	200K
1 MIN									30 SEC						RC1	BR1								

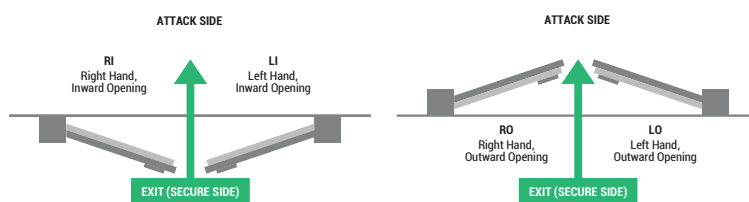
SGL TECHNICAL DRAWING



SELF CODING SYSTEM

The 'SGL' (SG) has a simple ordering code that covers the chosen methods of entry and exit, followed by the mounting and orientation codes, additional enhancements can be added to further customise the device.

EXAMPLE ORDER CODE: SG1A-APXX-AB-APXX



PRODUCT			ENTRY		SECURING		EXIT	
RANGE		BOLTS	UNLOCKING		UPON DOOR CLOSURE		UNLOCKING	
SG	Solenoid gate lock	1	X	None	AB	Auto bolting only	X	None
BOLT DIRECTION			A	Access control			A	Access control
A	Horizontal bolt		K	Key			K	Key
			BOLT RETRACTION				T	Thumbturn
			X	None			BOLT RETRACTION	
			P	Powered (Electric)			X	None
			M	Manual			P	Powered (Electric)
			OPERATOR				M	Manual
			XX	None			OPERATOR	
			KK	Key			XX	None
		TN					Thumbturn	

EXAMPLE BOLT DIRECTIONS

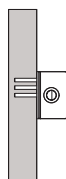
See coding chart above for reference



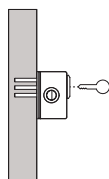
No. Bolts (1)
Direction (A)

EXAMPLE ENTRY/EXIT DIRECTIONS

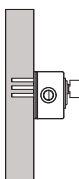
See coding chart above for reference



Entry (APXX)
Exit (APXX)



Entry (APXX)
Exit (KMXX)



Entry (AMXX)
Exit (TMXX)

For further ENTRY and EXIT methods & a full range of enhancements please contact our sales office.