

Power and Control Isolation » Mechanical Bolt Interlock
 Key Exchange
 Door Locks and Actuators

BM
 BMS

Mechanical Bolt Interlock



The BM is used to interlock circuit breakers, valves earth switches etc. It is used where hazards needs to indirectly interlocked.

- No product handing issues
- 16mm diameter bolt with 16mm of travel (custom bolt lengths available)
- Standard operation: Key free, bolt shot (other sequences available)

The BM may not be used as an access lock.

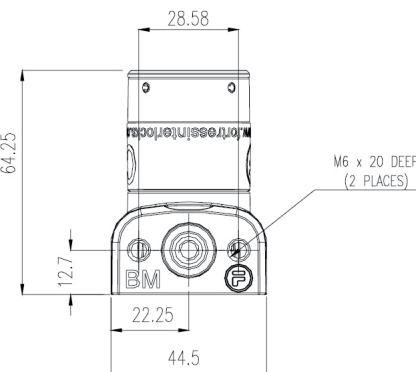
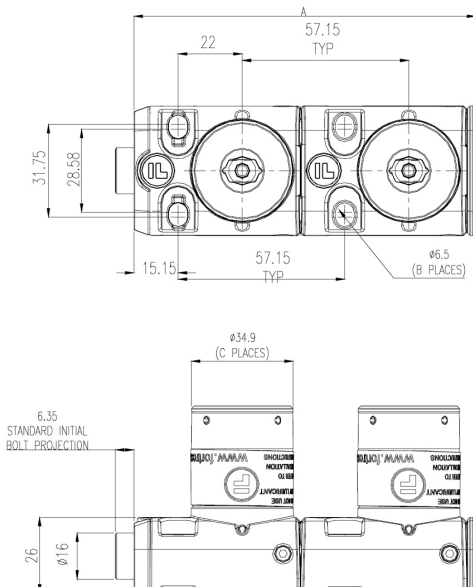
mGard range

mGard is the ultimate range of robust mechanical trapped key products. Trapped key technology offers purely mechanical access locks (removing the need for expensive wiring). mGard offers an extensive variety of modular interlocking solutions. Suitable for use in applications up to SIL3 (EN/IEC 62061), Category 4 and PLe (EN/ISO 13849-1), mGard is ideal for use in harsh environments and is tested to 1,000,000 operations.

Technical Specification

Housing Materials Body BM	Die-cast zinc body with pearl bronze plated finish
Housing Materials Body BMS	Full stainless steel
Bolt	Full stainless steel
Internals	Full stainless steel
Lock Mechanism BM	CL or ML lock types are of die-cast zinc body with stainless operating mechanism
Lock Mechanism BMS	CLS or MLS lock types are full stainless steel

Dimensional Drawing



Article Codes

N° of Locks	Part N°
1 » 10	BM1 » BM10

N° of Locks (Full Stainless Steel)	Part N°
1 » 5	BMS1 » BMS5

Lock Type

Key and lock types must be specified separately

Bolt Lengths (Minimum Projection)	Part N°
6.35mm	-
50mm	50
150mm	150

Product	Dimension A Overall length	Dimension B N° of slotted holes	Dimension C N° of CL locks
BM(S)1	60.15	2	1
BM(S)2	117.30	4	2
BM(S)3	174.45	6	3
BM(S)4	231.60	8	4
BM(S)5	288.75	10	5
BM6	345.90	12	6
BM7	403.05	14	7
BM8	460.20	16	8
BM9	517.35	18	9
BM10	574.50	20	10