

Gard Datasheet

» Modular Key Exchange Unit XM XMS



Modular Key Exchange Unit

The XM unit is used to exchange one or more keys for a number of other keys. This device forms the link between isolation devices and access locks.

- No product handing issues
- Any combination of isolation/access keys possible
 Sequential or Non-sequential key operation
 Possible to add modules to existing configurations
- Available in Stainless Steel

Safety Data ISO EN14119:2013 EN13849-1:2008 EN13849-2:2012 Standards EN62061:2005 CE marked for all applicable directives Certifications Cat. 4, PLe (EN/ISO 13849-1) and SIL3 (EN/IEC 62061) Category Functional safety data B10d 5,000,000

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

Body Housing XM		Die-cast zinc body with pearl bronze finish	
Body Housing XMS		Full stainless steel to S316	
Internals XM & XMS		All stainless steel components	
Lock Mechanism XM		Die-cast zinc body with stainless operating mechanism to S316 (selected seperatly)	
Lock Mechanism XMS	(Ex)	Full stainless steel (selected seperatly)	
Кеу	Æx>	Full stainless steel to S316 (selected separately)	

XMS stainless steel mechanical lock module, suitable for use in all Ex hazardous areas. This product is completely benign and does not require power or generate any heat. All materials have been fully tested and confimed

Dimensional Drawing



2 » 5	XMS2 » XMS5
Nº of Locks (Full Stainless Steel)	Part N°
2 » 10	XM2 » XM10
N° of Locks	Part N°
Article Codes	

Lock Type

Key and lock types must be specified seperatly

Product	Dimension A Overall length	Dimension B N° of slotted holes	Dimension C N° of CL locks
XM(S)2	136.30	2	2
XM(S)3	193.45	4	3
XM(S)4	250.60	6	4
XM(S)5	307.75	8	5
XM6	364.90	10	6
XM7	422.05	12	7
XM8	479.20	14	8
XM9	536.35	16	9
XM10	593.50	18	10

