

Micro-Ray

NOTES:

PART NUMBER (X = SELECT FROM THE OPTIONS BELOW)

PANEL CUT-OUT: 12.4 mm DIA

BUTTON COVER: R RED, G GREEN, Y YELLOW, B BLUE, W WHITE

PROTECTION: IP65, IP67 (SUFFIX FP), IK08

ACCESSORY: SEALING COVER M12-12B

UNLESS STATED, DIMENSIONS ARE IN MILLIMETRES.

MECHANICAL

CONTACT STRUCTURE: 1NO, MOMENTARY

MECHANICAL LIFE: 1,000,000 CYCLES MIN

ELECTRICAL LIFE: 50,000 CYCLES MIN

OPERATING FORCE: 3.5 N APPROX

OPERATING TRAVEL: 2 mm APPROX

NUT TORQUE: 0.3 Nm APPROX

ELECTRICAL

RATED INSULATION VOLTAGE U_i : 125 V

RATED VOLTAGE U_e : 125 V

CONVENTIONAL HEATING CURRENT I_{th} : 3 A

AC-15 SOLENOID LOAD: 0.5 A

IMPULSE WITHSTAND U_{imp} : 1.5 kV

CONTACT RESISTANCE: 50 mOHM MAX, INITIAL

INSULATION RESISTANCE: 1000 MOHM MIN AT 500 VDC

WITHSTAND VOLTAGE: 1000 V AC 50 Hz, 1 MINUTE

CONTACT MATERIAL: SILVER ALLOY

ENVIRONMENT

OPERATING TEMPERATURE: -25 C TO +55 C, NO ICING

OPERATING HUMIDITY: 45 % TO 85 % RH, NON-CONDENSING

VIBRATION: 5 Hz TO 50 Hz, AMPLITUDE 1.2 mm

SOLDER HEAT RESISTANCE: 320 C FOR 3 s

X	± 0.35	12 mm ANTI-VANDAL PUSH BUTTON			
.X	± 0.30				
.XX	± 0.25				
.XXX	±				
X°	± 2°				
.X°	± 1.5°	DOMED HEAD, PIN TERMINAL 2 x 0.5 mm			
		BLACK ANODISED ALUMINIUM ALLOY			
		PART NO:			
		MR-GQ12B-10-J-X-AL-X			
	UNITS:	SCALE:	DWG NO:	SHEET:	REV:
	mm	NONE	C-GQ12B-10-J-AL	1 OF 1	A