

INFORMATION SHEET

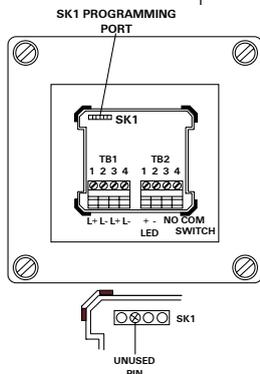
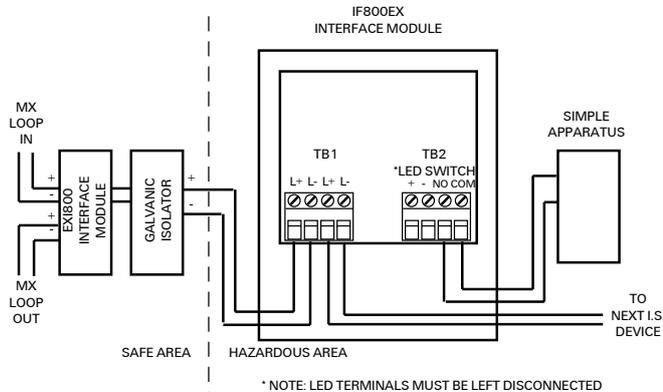
DESCRIPTION

The Intrinsically Safe IF800Ex Addressable Interface Module is designed to monitor a clean contact from a "simple apparatus", e.g., detector, switch, etc., in a hazardous area and communicate its status to compatible MX Control and Indicating Equipment (c.i.e.). The IF800Ex is self-contained in a grey compression-moulded glass-filled polyester box with 3 x 20mm cable gland holes. The electronic components are mounted on a double sided printed circuit board (PCB) built into a potted module formed from a plastic moulding. Connectivity is via two terminal blocks fitted to the PCB. The remote LED output is not to be used.

The module can be configured to initiate an interrupt procedure in the event of an alarm condition.

WIRING

IF800Ex Simplified Wiring Diagram:



IF800Ex
Programming
Port

SPECIFICATIONS

Loop Voltage ¹	20V to 40Vdc
Quiescent Current	325µA
Dimensions (HWD)	120 x 122 x 95mm
Weight	900g
Ambient Temperature	-25°C to +70°C
Storage Temperature	-40°C to +70°C
Relative Humidity	10% to 95% (non cond.)
Ingress Protection	IP65
ATEX Certificate	BASO1ATEX1394X
IECEX Certificate	IECEX BAS 07.0063X
Part Number	5 14.001.062

1. Addressable loop voltage provided by MX c.i.e.
2. MX1. Refer to appropriate manual: LT0360 (MX1-NZ), LT0441 (MX1-Au) for design specifications.

The box is to be surface mounted. Holes are provided in the lower section of the box, access is obtained by removal of the lid. Holes are provided for 3 x 20mm cable entry glands (the unit is supplied with blanking plugs fitted to these holes). The PCB is potted within a white moulded plastic tray and is fitted with the terminal blocks, which form the interface between external wiring and the IF800Ex. The potted tray is mounted on the base of the housing. Sandwiched between the plate and the tray is a label showing the terminal functions.

