MTL800 SERIES
ENCLOSURES

MTL800 SERIES
ACCESSORIES

SPECIFICATIONS

ENC8/ENC8SS: for
1 MTL831B transmitter, or
1 MTL838B receiver

ENC83/ENC83SS: for
1 MTL831B transmitter
(for use with 4-wire RTDs)

Location
Zone 0, 1 or 2

Protection
Dust-tight and waterproof to IEC529:IP67

Construction (ENC8 and ENC83)
Sheet steel, zinc sprayed and painted RAL7015 grey

Construction (ENC8SS and ENC83SS)
Stainless steel

Lid
Detachable with lift-off hinges, secured by captive fixing screws with a padlock hasp

Earth terminals
Fitted on internal earth rails; accommodate conductors up to 4mm2

Number of earth terminals
ENC8/ENC8SS: 22
ENC83/ENC83SS: 18

4-wire RTD terminals (ENC83/ENC83SS only)
32 ready-mounted terminals to accommodate conductors up to 4mm2

Gland fixing
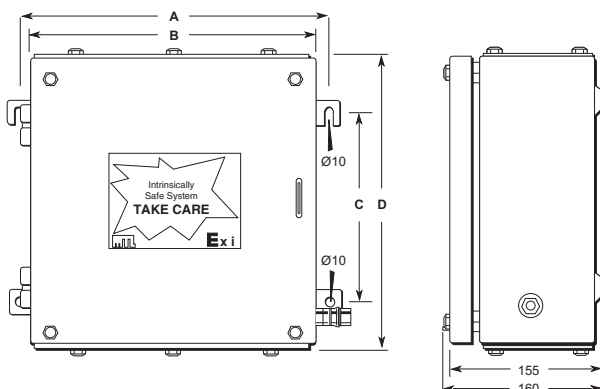Top and bottom gland plates detachable for drilling by user

Mounting
By fixed mounting lugs

Weight (excl. transmitters/receivers)
ENC8:   7kg
ENC83:   9.8kg

DIMENSIONS (MM)

	A	B	C	D
ENC8	331	306	203	306
ENC83	407	380	305	466

SPECIFICATIONS

PCS83 software package (for MTL838B-MBF)
    Function: Software configuration of multiplexer system
    Format: 3.5 inch diskette
    Requires: PC with DOS 2.2, or higher, and a serial (COM) port.

TO ORDER, SPECIFY:

Transmitters
   MTL831B   Analogue transmitter
Receivers
   MTL838B-MBF   Analogue receiver, RS485 and/or RS422 outputs for Modbus®
Analogue receiver accessories
   PCS83   PC software configuration package
Process controller interface software
   Contact MTL for details of software for interfacing with proprietary process controllers
Isolating interface units and earth leakage detectors
   MTL3052   Digital isolator interface unit
   MTL4220   Earth leakage detector
Enclosures
   ENC8   General-purpose enclosure
   ENC8SS   General-purpose enclosure (stainless steel)
   ENC83   Enclosure for MTL831B transmitter
   ENC83SS   Enclosure for MTL831B transmitter (stainless steel)
Literature
   INM838B-MBF System protocol manual:
   MTL838B-MBF Modbus® receivers
   INM831B   MTL831B manual
   AN9010   Application Note: A user's guide to intrinsically safe input multiplexer systems
   INS831B   MTL831B mV Multiplexer transmitter
   INS838B   MTL838B-MBF Multiplexer receiver - Modbus® output