

EXDTRX3

EXPLOSION-PROOF TELEMETRY RECEIVER



TECHNICAL DATA

GENERAL

Built in aluminium alloy
 Neoprene gaskets
 Stainless steel screws
 Powder painted RAL7032
 Supplied with 2 3/4" GAS plugs and instruction manual

MECHANICAL

3x3/4" GAS in cable glands for non-armoured cables (eventually available for armoured cables)
 1x3/4" GAS in cable gland for armoured cables
 External Dimensions: 410x410x296mm (16.1x16.1x11.6in)
 Internal Dimensions: 353x353x206mm (13.8x13.8x8.1in)

ELECTRICAL

Power Supply
 - IN 230V AC, 50/60Hz, 40W max
 - IN 24V AC, 50/60Hz, 40W max
 Max switching power: 100W
 Power supplied to the positioning device: IN 24V AC, 50/60Hz
 Power supplied to glass protection device: IN 24V AC
 Power supplied to the lens: IN 3-12V DC (max 100mA)
 999 selectable addresses through Dip Switch
 Ability of using both polarity inversion lenses and common wire lenses
 LED indicating power supplied to the unit
 LED indicating active function
 EEPROM for the storage of active options
 16 bit microcontroller with re-programmable Flash memory
 PRESET / SCAN / PATROL functions with an automatic recognition of the existing functions
 Ability to memorize up to 14 PRESET functions (P&T motor, lens). Up to 40 positions if combined with DCJ and DCT keyboards
 4 alarm contacts set as N.O. or N.C.

COMMUNICATIONS

Serial input selectable between RS232 / Current Loop / RS485
 Selectable communication speed (38400 / 19200 / 9600 / 1200 / 300 Baudrate)
 RS232, RS485 and Current Loop repeater for in-line configuration

PROTOCOL

VIDEOTEC (300, 1200, 9600, 19200 Baudrate)
 MACRO (1200, 9600, 19200, 38400 Baudrate)
 PELCO D (2400, 4800, 9600, 19200 Baudrate)

ENVIRONMENT

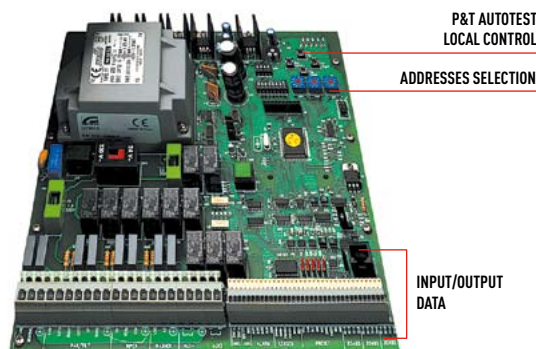
Indoor / Outdoor
 Operating temperature: 0°C / +50°C (+32°F / +122°F)

RELATED PRODUCTS

EXPTC	EEx P&T
EXPTD	EEx P&T
DCTEL	Matrix and Telemetry Control Keyboard
DCJ	Matrix, Mux and Telemetry Control Keyboard with three axis joystick
DCT	Matrix, Mux, DVR and Telemetry Control Keyboard touch screen equipped with three axis joystick
SM42A-82A	Matrix 4/8 input and 2 output
SM84A-164A	Matrix 8/16 input and 4 output
SM328A	Matrix 32 input and 8 output

COMPLIANCE TO

ATEX (TUV Nord Certification), directive 94/9/CE
 Group: II (surface device, no mining)
 Category: 2 (elevated protection degree, the devices of this category can be installed in zone 1 and 21 and in zone 2 and 22)
 Atmosphere type: GD (gases and dusts)
 EEx d: explosion-proof housing for potentially explosive environments
 IIC: gases group
 T6-T85°C: temperature classification for gases and dusts respectively
 IP66: enclosure weatherproof standard
EXDTRX3 - EXDTRX324
 II 2 GD EExd IIC T6 T85°C IP66 ATEX
 0722: notify number from competent body



	Unit Weight:	Package Weight	Package Dimensions (BxHxL):	Master Carton:
	EXDTRX324 29kg / 63.9lb EXDTRX3 32kg / 70.5lb	EXDTRX324 30.5kg / 67.2lb EXDTRX3 33.5kg / 73.8lb	EXDTRX324 50x50x36cm / 19.7x19.7x14.2in EXDTRX3 50x50x36cm / 19.7x19.7x14.2in	EXDTRX324 - EXDTRX3 -