

# Ex-Control

## Hand-held Controller Pad

Intrinsically safe hand held controller pad for use with the Ex-Box REG/LED and LIM/LED. The Ex-Control pad provides additional safety in a potentially explosive atmosphere. Adjustment of settings by unauthorized persons is not possible since the controller can be removed.

### Advantages:

- Intrinsically safe controller pad
- Without an independent power supply
- Programming and operation in hazardous areas

### Applications:

- Hazardous areas
- Power plants
- Chemical & petrochemical industries
- Oil & gas industries
- Pharmaceutical industry
- Plastics industry
- Wastewater treatment plants



## Type Ex-Control





## Technical Information

## Type Ex-Control

### Data

■ Certificate	IBExU 04 ATEX 1165 X
■ Dimensions (enclosure)	135 x 80 x 35 mm (w x h x d)
■ Classification	II 2G Ex ib IIC T4 Gb II 2D Ex tb IIIC T100°C Db -32°C ≤ Ta ≤ 60°C
■ IP rating	IP 65
■ Cable entrance	1.5 m connecting cable with 5-pole plug
■ Display	2 x 4 35-segment LED illuminated
■ Interface	Intrinsically safe for Ex-Box LED/LIM
■ Weight	0.5 kg

### Programmable Parameters

- Upper set point of adjustable temperature range
- Temperature set point
- Alarm, excess temperature
- Alarm, low temperature
- Load disconnection – excess temperature
- Bus address 1 – 32
- Adjusting point Pt100
- Temperature unit °C and °F

### Fault indication

- Sensor short
- Sensor cut
- Excess temperature Pt100
- Low temperature Pt100
- Internal excess temperature
- External bus fault
- Internal bus fault
- Internal hardware fault
- Supply voltage fault

Designation	Art. No.
Ex-Control	0X60026