

# FLAMEPROOF TEMPERATURE CONTROLLER



ACE Instruments make Flameproof Digital Temperature Controller (Model AI-01 FC) in Aluminium LM-6 Body with 2 relay outputs & 1" High Super Bright Display Software Calibration along with Calibration Certificate traceable to E.T.D.C. (NABL Accredited Laboratory).

## SPECIFICATIONS

<b>Manufacturer</b>	ACE Instruments
<b>Display</b>	4 Digit Red 7 Segment LED Display 1" High Super Bright
<b>Accuracy</b>	+/- 0.1 Deg. C +/- 1 count
<b>Input</b>	1 No. RTD Pt-100 3 Wire Sensor
<b>Temperature Measuring Range</b>	Standard -99.9 to +400.0 Deg. C/Optional Customized Measuring Range.
<b>Power Supply</b>	Standard 230 V.A.C. , Single Phase , 50 Hz Speak to factory for 110VAC/24 VDC Operation
<b>Control Output</b>	1 or 2 Relay Output ( NO/CO/NC)
<b>Enclosure</b>	Flameproof Aluminium LM - 6 Wall Mounting Type, Double Chamber Enclosure Certified by CIMFR (Central Institute of Mining & Fuel Research), Dhanbad for use in Gas Group Areas I, II, IIA & IIB
<b>Optional Retransmission</b>	4-20mA Retransmission corresponding to input range(Select in Dropdown Menu)
<b>Optional Communication</b>	RS 485 Modbus Protocol Communication(Select in Dropdown Menu)
<b>Cable Entry</b>	5 Nos.x 3/4" Double Compression Cable Gland Entry
<b>Control Output</b>	2 Relays Output ( 2 Sets of NO/CO/NC)
<b>Size</b>	350 x 185 x 130 mm. ( L x B x D )
<b>Calibration</b>	Software Calibration for Perfect Linearisation along with Calibration certificate traceable to ETDC, Hyderabad
<b>Warranty</b>	12 months manufacturer warranty

## ACE INSTRUMENTS

(An ISO 9001-2008 Certified Company)

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