



## Temperature Transmitting Indicators



### Certification Information

- \* Certification Number: see tables
- \* Approved to II 1G Ex ia IIC T5
- \* Ingress Protection IP66 (Front only on Panel Mount)
- \* Ambient Temperature Range -40°C to +70°C

### Features

- \* GRP enclosure for field mounting or moulded Noryl for panel mount
- \* Provides accurate local temperature indication with 4 - 20mA output
- \* Large display with 31 segment bar graph
- \* Suitable for 3 or 4 wire PT100/PT1000 RTD or B, E, J, K, N, R, S or T type thermocouple inputs
- \* HART communication for calibration and configuration
- \* Optional loop powered backlight and alarm contacts (alarms via additional barriers)
- \* Certified galvanic isolation of inputs on BA474D
- \* BA474D can be mounted directly in the safe area or via a suitable galvanic isolator in the Ex area
- \* Suitable galvanic isolators include KCD2-STC-EX1 or KFD2-STC4-EX1 or equivalent

Zone 0



Zone 1



Zone 2



Zone 20



Zone 21



Zone 22



IEC Ex



### Loop Powered Field Mounted Temperature Indicating Transmitters



Part Number	Display	Display Height (mm)	Certificate Number
BA474D	5.5 Digit	20.0	ITS09ATEX26155

### Loop Powered Panel Mounted Temperature Indicating Transmitters



Part Number	Display	Display Height (mm)	Certificate Number
BA478C	5.5 Digit	20.0	ITS09ATEX26156X

## Fieldbus Indicators & Displays



### Certification Information

- \* Certification Number: see tables
- \* Approved to II 1G Ex ia IIC T4
- \* Ingress Protection IP66
- \* Ambient Temperature Range -40°C to +60°C

### Features

- \* GRP enclosure for field mounting
- \* Suitable for use on Foundation Fieldbus (Profibus PA also available on BA484DF)
- \* Unit is powered from the fieldbus
- \* Large LCD display
- \* Backlight display on BA484DF
- \* Powered by suitable FISCO coupler
- \* Suitable Profibus power supplies include KFD2-BR-Ex1.3PA.93 or equivalent
- \* Please contact the Hazardous Area sales office for a suitable Foundation Fieldbus supply

Zone 0



Zone 1



Zone 2



Zone 20



Zone 21



Zone 22



IEC Ex



### Fieldbus Field Mounted Indicators & Displays



Part Number	Display	Display Height	Certificate Number
BA414DF	Single Variable	20mm with 31 Segment Bargraph	ITS06ATEX25313
BA484DF	8 Variable	Configurable	ITS04ATEX22778

**Leeds**

Tel: 0113 243 0203

**Sheffield**

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**Gateshead**

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**Manchester**

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**Glasgow**

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