Easy to read
Profibus
Indicators
and Displays

New extended family of nine bus powered **Profibus PA Indicators and Displays** that will satisfy most safe and hazardous area fieldbus display requirements. Panel and field mounting models with international intrinsic safety, Type n and nonincendive approvals permit worldwide installation in safe and hazardous areas.

Economical Profibus Indicators display one of up to eight variables on a large easy to read five digit display and bargraph that may be configured as a Profibus Node or as a Profibus Listener. The fieldbus address may be entered via the instrument's push buttons, which also select the displayed variable and may be used to return operator acknowledgements to the system host.

Versatile Profibus Displays have a backlit 120 x 64 pixel screen with eleven selectable formats allowing up to eight variables to be displayed simultaneously, some with bargraphs. When the process variables are shown on more than one screen, the displayed screen is selected via the instrument push buttons that may also be used to enter the instrument's address. Operator acknowledgements may be returned to the system host from the front panel push buttons or from up to six external switches. Optional isolated alarm outputs may be used to control up to six low power loads such as sounders, beacons or solenoid valves.

Field mounting models have a robust IP66 GRP surface mounting enclosure with an armoured glass window and a separate terminal compartment; accessory kits are available for pipe mounting.

Panel mounting models have a 144 x 72mm DIN enclosure with an IP66 front panel.

Profibus DP display solutions and **FOUNDATION fieldbus™** models are also available, please see separate literature or contact our sales department.

PROFIBUS PA INDICATORS

One variable displayed at a time

> **8 variables selected by front panel push buttons.**
> **Easy to read 20mm high 5 digit display.**
> **31 segment bargraph**
> **Configurable as Profibus Node or Listener.**
> Push buttons can return operator acknowledgements
> Intrinsically safe, Type n, nonincendive and safe area models.
> FISCO and FNICO compliant
> Field and panel mounting models.

PROFIBUS PA DISPLAYS

> **8 variable display**
> **Choice of 11 standard display screens, some with bargraphs.**
> **Backlight**
> **Push buttons can return operator acknowledgements.**
> **6 optional outputs**
> **Intrinsically safe, nonincendive and safe area models.**
> **FISCO compliant**
> **Field and panel mounting models.**

Up to eight variables can be displayed at a time
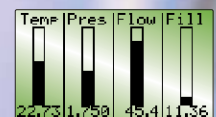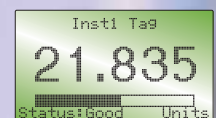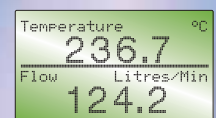
BEKA associates

Easy to read **Profibus Indicators** and **Displays**

INTRNSICALLY SAFE MODELS – *for use in all gas and dust hazardous areas*

Model	Mounting	Display	Operator push-buttons	Outputs	Europe ATEX Intrinsic safety		USA FM & Canada cFM Intrinsic safety & nonincendive		International IECEx Intrinsic safety	
					Gas	Dust	Gas	Dust	Gas	Dust
BA444DF Node or Listener	Field	8 variables 5 digits plus bargraph	4	0	✔	✔*	✔*	✔*	✔	✔*
BA448CF Node or Listener	Panel	8 variables 5 digits plus bargraph	6	0	✔	–	✔	✔	✔	–
BA484DF Display	Field	8 variables 120x64 pixel with backlight	4	6*	✔	✔*	✔* *(US only)*	✔*	✔	✔*
BA488CF Display	Panel	8 variables 120x64 pixel with backlight	6	6*	✔	–	✔ *(US only)*	✔	✔	–

TYPE n MODELS– *for use in Zone 2 gas and dust hazardous areas*

Model	Mounting	Display	Operator push-buttons	Outputs	Europe ATEX Type n		International IECEx Type n	
					Gas	Dust	Gas	Dust
BA444NDF Node or Listener	Field	8 variables 5 digits plus bargraph	4	0	✔	✔	✔	✔

GENERAL PURPOSE MODELS – *for use in safe area*

| Model	Mounting	Display	Operator push-buttons	Outputs
BA644DF Node or Listener	Field	8 variables 5 digit plus bargraph	4	0
BA648CF Node or Listener	Panel	8 variables 5 digits plus bargraph	6	0
BA684DF Display	Field	8 variables 120x64 pixel with backlight	4	6*
BA688CF Display	Panel	8 variables 120x64 pixel with backlight	6	6*

* Option

Displays shown full size.
Typical Fieldbus Display screen, right
Fieldbus indicator, below.
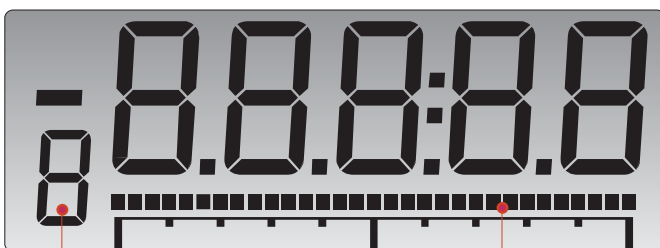
8 variables

31 segment bargraph

Temp | Press | Flow
24.46 | 1.7500 | 48.9
°C | Pa | 1/min
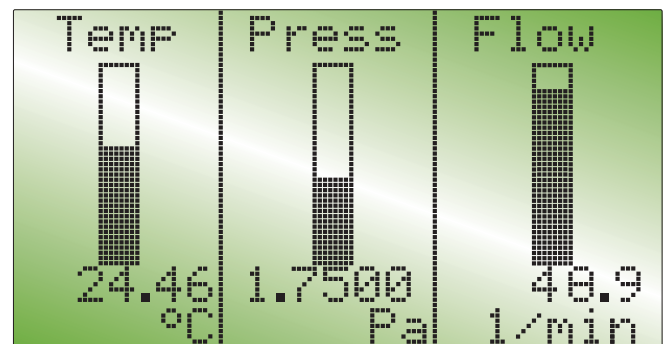
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