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For Immediate Publication

New loop powered Rate Totalisers have a large display

BEKA associates new range of field and panel mounting loop-powered 4/20mA Rate Totalisers have large easy to read displays that can simultaneously show the rate of flow and total flow in the same or different engineering units. All have an operating temperature of -40°C to $+70^{\circ}\text{C}$ and include a square root extractor, sixteen segment lineariser and internal calibrator. Optional accessories include a backlight that may be loop or separately powered and dual alarms with isolated solid state outputs.

The field mounting models have a robust IP66 GRP enclosure with an armoured glass window making them suitable for installation in harsh industrial and offshore environments. A separate terminal compartment with forward facing terminals simplifies installation and maintenance. Accessories include pipe-mounting kits and stainless steel tag plates, which can be supplied etched with customer specified tag and application information.

Panel mounting models have a 144 x 72 DIN enclosure with an IP66 front panel and a gasket to seal the joint between the Rate Totaliser and the mounting panel allowing the panel to be washed down. A novel scale card, which boldly shows the units of measurement in a window adjacent to the display, may be changed on-site without opening the instrument enclosure or removing it from the panel.

In addition to general purpose models, versions are available with ATEX, IECEx, FM and cFM intrinsic safety certification permitting installation in gas and dust hazardous areas. For lower risk Zone 2 or 22 applications, field mounting models with Ex nA and Ex tc approval permit installation without the need for Zener barriers or galvanic isolators which significantly reduces installation cost.

Rate Totalisers are supplied calibrated with scale and tag marking for no additional charge, but can easily be recalibrated on-site. As with all BEKA products, these new instruments have a three year guarantee and for customers wishing to evaluate a Rate Totaliser on-site, a free three month sale or return evaluation service is available.

For further information including datasheets, certificates and instruction manuals please visit <http://www.beka.co.uk/lprt> or phone the BEKA sales office on 01462 438301

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Notes for editor:

Associated image may be downloaded from: <http://www.beka.co.uk/images/ratetot.jpg>

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