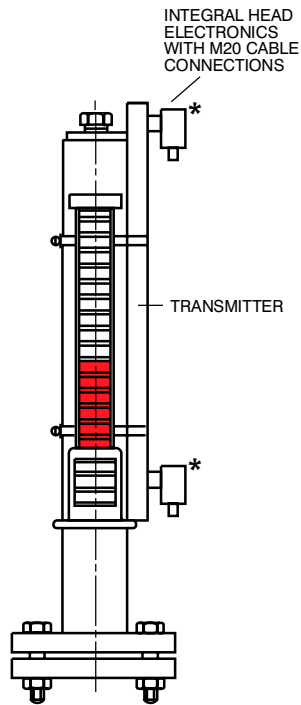
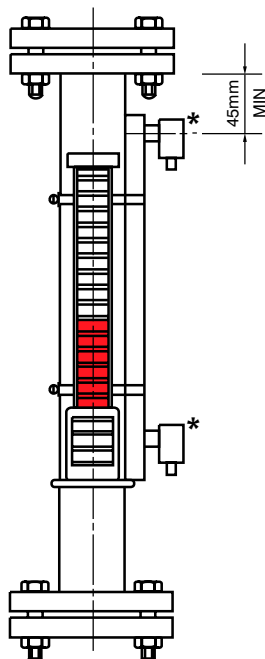


Magnetic Level Gauge **TRANSMITTERS**



KTX TRANSMITTER
* Alternative Mounting



FLANGED END CONNECTED ARRANGEMENT

Liquid Level Transmitter

KTX.IS (Intrinsically Safe)

⊕ Ex II 1/2G EEx ia IIC T4-T6 KEMA 01 ATEX 1052X

KTX.EXD (Explosion Proof)

⊕ Ex II 2G EEx d IIC T4-T6 LCIE 03 ATEX 6155

- > Two wire 4-20mA current loop.
- > Resolution 5mm, 10mm, 20mm Standard.
- > Remote display and control.
- > Transmits up to 6Km.
- > No media contact.
- > Simple application.
- > Can be retro-fitted.
- > Cost effective level measuring system.
- > Approved EEx ia IIC T4-T6, EEx d IIC T4-T6.
- > Low cost Non Approved version.
- > HART®- Protocol (optional).
- > PROFIBUS® PA (optional).
- > FOUNDATION™ FIELDBUS (optional).



The transmitter is attached to the side of the magnetic level gauge chamber where it senses the position of the float. It can be supplied as an original equipment package or retro-fitted to an existing magnetic gauge, without interrupting the process.

The transmitter consists of a sensor tube containing a series of reed switches and resistors and an electronic circuit contained within a connection head, which can be supplied orientated to suit any gauge configuration or cable arrangement.

As the float rises and falls within the gauge chamber the corresponding reed switch closes altering the circuit resistance, this resistance is converted into a 4-20mA output signal by the electronic circuit.

The transmitter is approved intrinsically safe to EEx ia IIC T4-T6 when used with approved barriers.

For explosion proof duty approved to EEx d IIC T4-T6.

■ **Specification**

- Supply voltage 10-30Vdc. Polarity protected
- Output 4-20mA (profiled optional)
- Float warning - Default Signal
- Connections via epoxy coated aluminium head mounted junction box with M20 cable entry
- Protection IP65
- Lengths to suit magnetic level gauge
- Stainless Steel headshell option

For enquiry information: Refer to Separate Order Form