

## Magnetic Level Gauge SWITCHES

Simple Latching Operation      Suitable for IS Circuits with Approved Barriers  
 Readily Adjustable              Explosion Proof Designs  
 0.5 to 6 Amp Options            Micro Switch and Inductive proximity Options

TC Klinger Magnetic Gauge switches, attached to the side of the chamber can be used to provide a variety of alarm functions. The range comprises of three basic types, DR2, DR3 and DR8 (BGUV) series for a low cost solution on temperatures up to 150°C, with connection via a flying lead - available in non-hazardous, intrinsically safe and explosion proof options. The DR4 (STMU) for high temperature applications in non-hazardous environments (with inductive proximity variants) and the DR6 (MDA) for explosion proof applications, plus heavy duty switching via microswitch operation.

Other options are available on request including:-

- > Special variants for switching in control circuits for PLC's
- > NAMUR Circuit options to DIN 50227
- > Pneumatic operation

### Type DR2, DR3, DR8 (BGUV)

Contact	Reed Contact
Contact Type	1 SPDT (Bistable)
Switch Rating	230V AC, 60VA, 1 AMP 230V DC, 30W, 0.5 AMP
Max. Temperature	150°C
Cable Connection	3 metre silicon (longer on request) (Junction Box available on request)
Housing	Stainless Steel
Housing Protection	IP65 (IP68 EExd version)
Marking	DR3 Non Hazardous - None DR2 Intrinsically Safe - II 1G EEx ia IIC T3-T6 DR8 Explosion Proof - II 2G EEx d IIC T3-T6 LCIE 01 ATEX 6047X

### Type DR4 (STMU)

Contact	Reed Contact (Latching Rocker Arm)
Contact Type	1 SPDT (Bistable)
Switch Rating	230V AC, 60VA, 1 AMP 230V DC, 30W, 0.5AMP
Max. Temperature	380°C
Cable Connection	M20 Entry
Housing	Aluminium (Coated Red)
Housing Protection	IP65

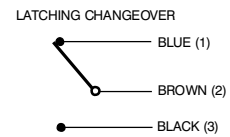
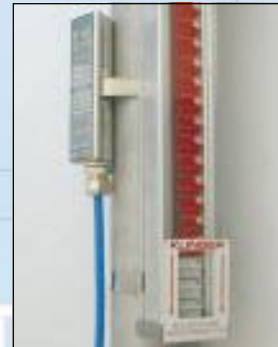
(Note - Inductive Proximity Version available on request)

### Type DR6 (MDA)

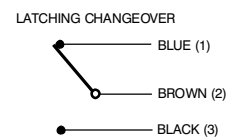
Contact	Reed Contact
Contact Type	1 SPDT (Bistable)
Switch Rating	230V AC, 60VA, 1 AMP 230V DC, 30W, 0.5 AMP
Max. Temperature	150°C
Cable Connection	1 x M20 entry (2 plugged 3/4" NPT)
Housing	Aluminium (Coated Grey)
Housing Protection	IP66
Marking	Explosion proof - II 2G EEx d IIC T5 - T6 LCIE 02 ATEX 6056

(Note - Micro switch option available - up to 6amp capacity)

**Type DR2, DR3, DR8 (BGUV)**



**Type DR4 (STMU)**



**Type DR6 (MDA)**

