



Limit level switch LC/OMNI-LC/FLEX-LC

## LINEAR-LC

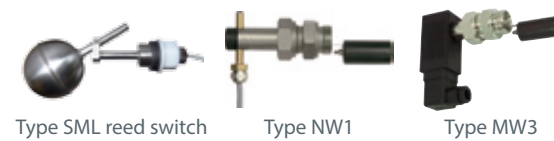
**Comfortable continuous measurement – based on proven float technology**

- integrated Reed chain with resistance circuit enables continuous monitoring of the level – output signal as 4..20 mA, 0–10 V or resistance value
- switching tube lengths up to 2,000 mm enable affordable electronic measurement in large tanks
- **OMNI-LC** digital indicator offers the possibility of displaying measurements locally and in plain text (with background lighting)
- brass and stainless steel materials coming into contact with the media

## Limit level switch for side installation

**Effective, customised and affordable**

- **Type SML** – stainless steel design for contact with media with pressure resistance up to 30 bar; optionally in ⚠-version
- **Type NW1** – optionally in brass or stainless steel, with NBR-butadiene, stainless steel or PVDF float; optionally in ⚠-version
- **Type MW3** – microswitch variant with max. 5A switching current, electrical connection via DIN plug 43650-A or round pug connector M12x1
- **Type NW3** – Reed switch variant in brass or stainless steel with NBR-butadiene, stainless steel or PVDF float
- **Type RW..HK** – optionally for internal or external installation in stainless steel version
- **Type MWI** – with 1 or 2 microswitches, convenient for use as an advance warning contact or for monitoring of two close levels



Type SML reed switch

Type NW1

Type MW3



Type RW..HK external installation



Type RW..HK internal installation



Type RW..P



Type MWI



Single-point level switch

## Affordable small float switches for lid or bottom installation

- for industrial use – versions in brass, stainless steel, polypropylene, PVC and PVDF
- a variety of combinations enables use under aggressive conditions
- for process adaptation: parallel or conical thread connections in 1/8, 3/8 and 1/4"
- ⚠-versions enable use in explosion-prone areas.



**We look forward to your enquiry:**  
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## Level sensors

GHM always has the right sensor for your requirements



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Martens**

**DeltaGHM  
VAL.CO**



## BENEFITS.



Custom solutions are our strength.

### Affordable & effective – proven Val.Co level sensors

- different geometries enable use in liquids with a low specific density starting from 0.35 g/cm<sup>3</sup> and pressure resistances up to 50 bar
- durable plastic or stainless steel versions for aggressive media
- temperature resistance up to +105 °C in continuous operation or high-temperature use up to +180 °C
- reed switch chains for continuous measurement
- certified ⚠-variants for use in explosion-prone areas
- standard switching tube lengths, intermediate measurements and oversized lengths are available on short notice

**Wide variety – we always offer the right sensor for your application.**



Versions in brass with / without thermometer and stainless steel

### Effective limit level switch

Simple or double contact sensor in proven Reed switch design

- standard switching tube lengths from 100 to 500 mm, intermediate measurements and oversized lengths available on short notice
- process adaptation takes place with G1" female thread or flange version
- different materials for your requirement, e.g. stainless steel (for aggressive media), brass, aluminium (non-anodised) or PVC
- temperature resistance for media up to +105 °C in continuous operation
- optional switching function as an NC or change-over contact; external voltage supply is not necessary
- certified ⚠-variants for use in explosion-prone areas



Multipoint-O/S (brass, aluminium and stainless steel)

### MULTIPOINT switch

Level switch for complex level monitoring in brass, aluminium, stainless steel or plastic version

- switching tube lengths up to 6,000 mm, plastic version up to 5,000 mm – customised for the installation height of your application
- distance monitoring for tanks with use of up to 6 float stations
- process adaptation takes place with a female thread from 1/8" to 2" or flange versions
- internal or external installation with modular electrical connection variants
- different geometries enable use in liquids with a low specific density starting from 0.35 g/cm<sup>3</sup> and pressure resistances up to 50 bar

- **additional application safety:** temperature elements that can be optionally integrated in a switching tube monitor the media temperature continuously
- temperature and pressure resistance of plastic systems made of PVC, PP or PVDF for use in a wide range of chemical substances
- ⚠-version available for use in explosion-prone areas

Multipoint-V-F (plastic)

