

# Generation 3000 quality by design

## Compact and modern design

The new Generation 3000 is characterized with panel height of 110 mm and diameter of 41 mm which enables compact installation of many switches. Its angled top design is aesthetically pleasing and a real functional highlight.

## Rotatable 320° display and electrical connection

It's as simple as that: due to rotatable 320° display and electrical connection, the mounting and installation will be a walk in the park. To turn into the required position and that's it.



## Easy operation

Menu and electrical connection refer to VDMA standard 24574-1, this guarantees an easy and quick operation.

## Perfect readability

The 4-digit 14-segment LED display ensures a perfect readability independent of the positioning: even in case of mounting upside down the indication can be viewed correctly as the software allows inversion of the display.

## High protection with IP65/IP67 and EMI protection

Harsh environmental circumstances, with dust or water being present are not a problem for the Generation 3000. Continued functionality will be achieved by a sophisticated housing seal and a keypad integrated within the plastic housing.

The high EMI protection of the Generation 3000 allows installation in environments where high power walkie-talkies are in use e.g. in the steel and power industries.



# Generation 3000 offers more

The flexibility of the new switch is nearly unlimited – it may be used not only to monitor pressure but also to control temperature and level.

## BPS3000

Electronic Pressure Switch



## BLS3000

Float / reed system



## BTS3000

Temperature sensor Pt100



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# BLS3000 The Plus in level switches

**NEW**



- ▶ More flexibility
- ▶ More information
- ▶ More efficiency

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# BLS3000

The Plus in level switches –  
Direct Measurement – Media independent



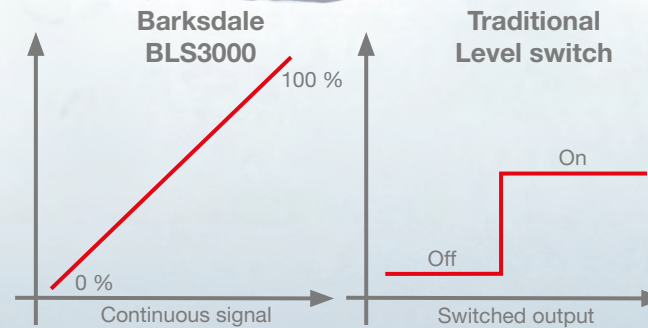
Reed relays

## Various applications – cost optimization

The new BLS3000 is part of the generation 3000. Due to its wide range of process connections and the UL approval the switch offers various applications for level control. The switch targets particular suppliers of hydraulic power packs who need components to control hydraulic oil or cooling water. By using the electronic device BLS3000 at remote supervision machine downtime, setup times and service time can be prevented or greatly reduced.

## More flexibility through more precise level indication

The integrated reed relays enable nearly continuous level measuring as well as a free customised set point adjustment. This makes it suitable for every application for adjusted level control.



## More information through digital indication and analogue output

A feedback of the application is given quickly and reliable. You only have to set the needed parameters and to control by the display and by the analogue output.

## More effective through low space requirements

With panel height of 110 mm and diameter of nearly 41 mm the required space of a BLS3000 is significantly lower than by traditional tank level indicators. This means installation even on small power packs is easily undertaken.

## Technical data

- ▶ Measuring element: Reed switch
- ▶ Total length (L0) = max. 1000 mm
- ▶ Measuring length (LM) = max. 930 mm
- ▶ Process connections:
  - G1/2"
  - G3/4"
  - G1"
  - M20x1,5
  - 1/2" NPT
  - 3/4" NPT
  - 1" NPT
  - 1 1/4" NPT
- ▶ System of protection: IP65/IP67
- ▶ UL approval

