

Two powerful sensor types for pressure monitoring

Layher, specialists for pressure switches, relays, hydraulic cylinders or rubber mouldings recently presented two new pressure sensor variants with the types 910 and 930. A high-quality ceramic sensor is used as load cell in both types. The ceramic measuring principle impresses in this case in particular with its corrosion resistance and long-term stability. According to the technicians from the Kirchberg-based company, this guarantees a consistently high precision of the measured values in the long term. Both pressure sensors were designed for the monitoring of media such as air, oil emulsions, water, etc. The three measuring ranges (0-10 bar, 0-100 bar and 0-250 bar) also meet the demands of a wide range of applications and offer the user a broad operating spectrum.

Of particular note with the Type 930 is not only its functionality, but also its ease of operation. Two programmable switching points with two programmable hystereses are available. Setting of the sensor is menu-driven using three buttons in accordance with the recommendations of the standard published by the VDMA (Standard Sheet VDMA 2457-1). The display or the operating head of the device can be rotated through 270° and can thus be easily read from all directions to allow the necessary actions to be taken.

The new pressure switch Type 910, on the other hand, combines a high switching current with a long service life according to the developers. Here the switching point and hysteresis are set already at the factory or by the user via a button on the device. At the moment of switching, an output current of 1 Ampere is available.
www.layher-ag.de

Figure 1:
Pressure sensor type 910



Figure 2:
Pressure sensor type 930

