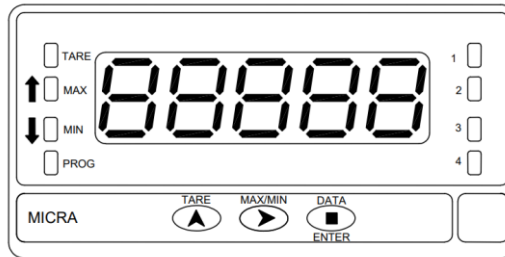*Measuring system with digital indicator*          *Sensor XC-310*

## 1.  Features:

The standard features of the basic device include reading the input variable, storing maximum and minimum values (peak/valley) and zero point calibration.

In addition, an analogue output (0-10 V) is available for retransmission of the measured value..

## 2. Parametrization



### ⌃ Set Zero

By pressing the zero button, the display unit saves the current tare value internally. The TARE LED lights up and from this moment the displayed value is the net value. This means that the measured value minus the stored tare value is shown on the display. If the process is repeated, the tare value is added to the previously saved tare value.

If you press the zero button for 3 seconds, the device sets the tare value to zero and the TARE LED stops lighting up. From this moment on, the gross value is shown on the display.

### ⌦ MAX/MIN

Activated by pressing the button ⌦. One press indicates the maximum value that the device has measured since it was last switched on, unless a RESET MAX/MIN is carried out, in which case the MAX LED lights up. A second press displays the minimum value under the same conditions as before, with the corresponding minimum display by the MIN LED. A third press returns the device to normal reading mode.

### Function RESET MAX/MIN

If you press and hold the button ⌦ 3 for 3 seconds while the device is displaying the peak value (MAX), the value is reset. The minimum value is reset if the same action is performed while the device is displaying the minimum value (MIN).
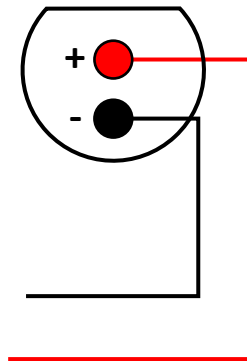
**Read-access to programming routines**

Mit dieser Schaltfläche werden Programmierroutinen aufgerufen. Der Zugriff auf die Programmierroutinen ist erlaubt, aber es ist nicht möglich, Daten einzugeben oder zu ändern. In diesem Fall zeigt das Display beim Eintritt in den Programmiermodus die Anzeige "-dAtA-" an.
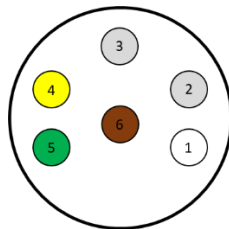
## 3. Electrical connection

**BNC Analog output (0-10 V)**  Analogue output for retransmission of the sensor signal (0-10 V)

**Sensor input**  Sensor input for 100 kN / 200 kN force sensor.

Pin1: E+ white
Pin2: nc
Pin3: nc
Pin4: S+ yellow
Pin5: S- green
Pin6: E- brown