

Durable accuracy for high process reliability in food applications

High-precision pressure gauge EL

Highly accurate monitoring of process pressure and robustness against recurring pressure surges are essential in many food applications.

The **long-life technology** of the EL pressure gauges noticeably increases **measuring sensitivity and durability:**

The wear-free mechanical system ensures a **measuring accuracy of ± 0.5 %** of the end value over many years.

The optional **hydro-mechanical damping** provides efficient and reliable protection against damage even under pronounced mechanical loads such as **vibrations and pressure hammers**.

The diaphragm is **specially mechanically equipped for a long service life**, for example through the supreme material quality and an in-house production process optimised over decades.

The **extended service life**, which is often several times longer than that of other pressure gauges, leads not only to **increased process reliability** but also to a **favourable cost of ownership**.

A particular feature for fast and reliable detection is the **display with the maximum possible diameter** related to the device size.

Other factors for long-term practical suitability include the robust construction, the process and CIP/SIP temperature resistance up to 149 °C, and the all-round hygienic and easy-to-clean one-piece design with protection class IP66.

Table measurement range	
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PSI		BAR		Dual Scale	e
029	30"Hg/030	469	-11.5	929	3
031	30"Hg/060	055	-12	931	3
032	30"Hg/0100	217	-13	932	3
033	30"Hg/0160	056	-14	933	3
034	30"Hg/0300	356	-15	934	3
066	030	475	-16	966	C
069	060	497	-19	969	C
071	0100	057	02	971	С
074	0160	058	02.5	974	C
077	0300	192	04	977	C
082	0600	060	06	982	C
		309	07		
		061	010		
		337	011		
		064	016		
		065	020		
		067	040		

Dual Scale Range					
929	30"Hg/030 PSI / -12 BAR				
931	30"Hg/060 PSI / -14 BAR				
932	30"Hg/0100 PSI / -17 BAR				
933	30"Hg/0160 PSI / -111 BAR				
934	30"Hg/0300 PSI / -120 BAR				
966	030 PSI / 02 BAR				
969	060 PSI / 04 BAR				
971	0100 PSI / 07 BAR				
974	0160 PSI / 011 BAR				
977	0300 PSI / 020 BAR				
982	0600 PSI / 040 BAR				







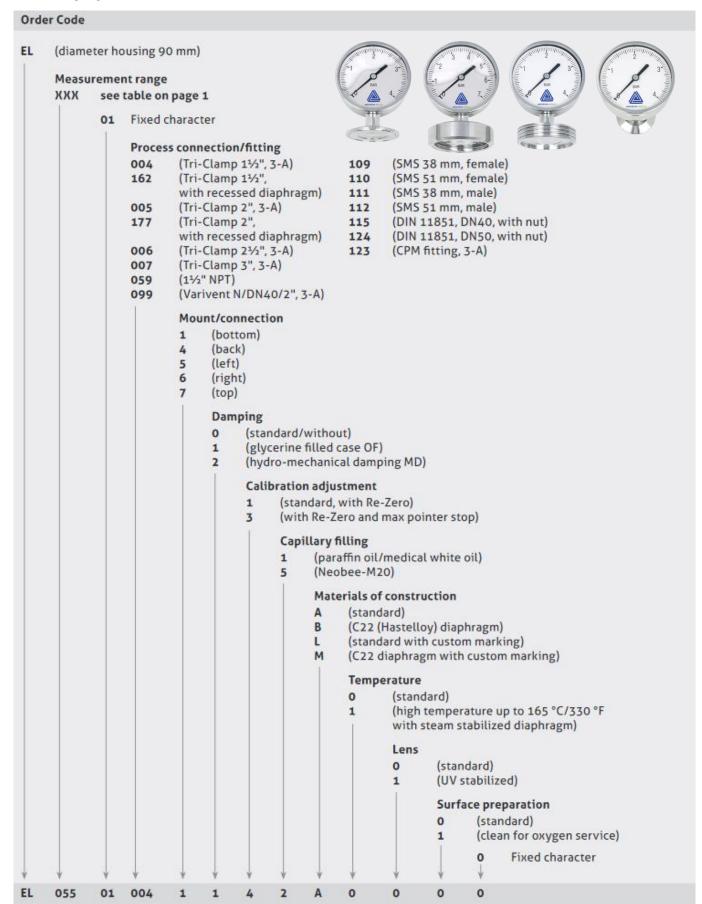
Technical specifications at a glance

- High-precision pressure gauge, measuring accuracy ± 0,5 % of the end value
- Huge display diameter 90 mm
- Pressure range -1...+40 bar, measuring range selectable in PSI, BAR or Dual
- Optional hydro-mechanical damping
- Extremely robust one-piece design and Long Life Technology for easy cleaning and lasting process reliability

SENSORS FOR FOOD AND BIOPHARMA.



Pressure gauge EL



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