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**MATERIAL**

Transparent polyamide based (PA-T) technopolymer. Highly resistant to shocks, solvents, oils with additives, aliphatic and aromatic hydrocarbons, petrol, naphtha, phosphoric esters. Avoid contact with alcohol or detergents containing alcohol.

**SCREWS, NUTS AND WASHERS**

Zinc-plated steel.

**PACKING RINGS**

NBR synthetic rubber O-Ring.  
Roughness of the packing ring application surface Ra = 3 µm.

**CONTRAST SCREEN**

White lacquered aluminium. The housing, in the appropriate external rear slot, guarantees the best protection from direct contact with fluid. It can be taken out from the inclined side, before assembly to allow the insertion of level lines or words.

**STANDARD EXECUTIONS**

- **HCX.**: without thermometer.
- **HCX/T**: with incorporated thermometer.

**MOUNTING**

When fitting is not possible from the inside of the reservoir and the walls are not thick enough, the screws can be used together with Fast Mounting Kit (see page 1395).

**MAXIMUM CONTINUOUS WORKING TEMPERATURE**

90°C (with oil).

**FEATURES AND PERFORMANCES**

Ultrasound welding to guarantee a perfect seal.  
Maximum fluid level visibility even from side positions.  
Lens effect for a better visibility of the fluid level and temperature.

**TECHNICAL DATA**

In laboratory tests carried out with mineral oil type CB68 (according to ISO 3498) at 23°C for a limited period of time, the weld stood up to: 18 bar (HCX.76 e HCX.127) 12 bar (HCX.254).  
For use with other fluids and under different pressure and temperature conditions, please contact ELESA Technical Department.  
In any case we suggest to verify the suitability of the product under the actual working conditions.

**OTHER STANDARD EXECUTIONS**

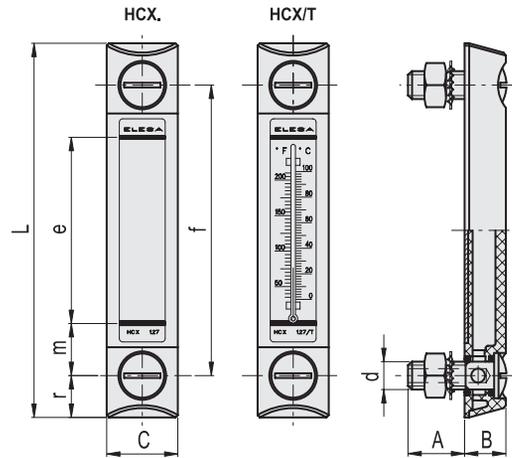
- HCX-AR (page 1488) for use with fluids containing alcohol.
- HCX-BW-SST (page 1489) for use with hot water.
- HCX-PT (page 1492) with SUPER-technopolymer protection frame.

**SPECIAL EXECUTIONS ON REQUEST**

- UV resistant transparent technopolymer indicators.
- Indicators with two red ball-shaped floats (only for the execution without thermometer).
- Indicators with cylindrical or step-shaped (NBR or FKM) packing rings (instead of OR) for mounting on reservoirs having rough surfaces or in any case not perfectly flat.

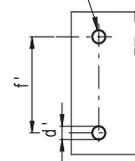


ELESA Original design



Drilling template  
Holes without burrs and chamfer

Conversion Table 1 mm = 0.039 inch	
f	
mm	inch
76	2.99
127	5.00
254	10.00



**METRIC**

Code	Description	f	d	A	B	C	L	e	m	r	d <sup>-0.2</sup>	f <sup>±0.2</sup>	Thermometer scale °C	Thermometer scale °F	C# [Nm]	⚖
11341	HCX.76-M10	76	M10	22	16	27	107	40	18	15.5	10.5	76	-	-	12	87
11346	HCX.76/T-M10	76	M10	22	16	27	107	40	18	15.5	10.5	76	20+100	68+210	12	87
11349	HCX.127-M10	127	M10	23	18	31	161	80	23	17	10.5	127	-	-	12	138
11354	HCX.127/T-M10	127	M10	23	18	31	161	80	23	17	10.5	127	0+100	32+210	12	138
11351	HCX.127-M12	127	M12	23	18	31	161	80	23	17	12.5	127	-	-	12	138
11356	HCX.127/T-M12	127	M12	23	18	31	161	80	23	17	12.5	127	0+100	32+210	12	138
11361	HCX.254-M12	254	M12	21	18	35	291	203	26	18.5	12.5	254	-	-	10	185
11366	HCX.254/T-M12	254	M12	21	18	35	291	203	26	18.5	12.5	254	0+100	32+210	10	185