

Declaration of Conformity

Manufacturer: TECFLUID S.A.
Narcís Monturiol, 33
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Equipment: Level indicators

Models: Series NPC without automated systems, transmitters, or electrical components.

Materials: Float: PP,PVC, EN 1.4404 (AISI 316L)
External counterweight-indicator and Pulleys: PVC o PVDF
Tube: PVC

Declaration:

Having reviewed the essential health and safety requirements related to the design and construction of equipment and protective systems intended for use in potentially explosive atmospheres, Tecfluid S.A. considers that this device is outside the scope of the Directive 2014/34/EU, since it does not contain any sources of ignition that are effective under the intended conditions of use. Therefore, it does not require certification by a notified body or marking in conformity with the ATEX Directive.

The ignition risk assessment methodology described in the UNE-EN ISO 80079-36:2021 standard for non-electrical equipment has been used as a reference to review the possible ignition sources associated with the supplied non-electrical mechanical equipment.

80079-36 5.1

Instructions for use of the equipment include the terms of service.

80079-36 5.2

Ignition hazard assessment.

Potential ignition source		Description of the measure(s) applied
Normal operation	Expected malfunction	
Hot surfaces		The unit does not generate heat on its own. The maximum surface temperature will depend on the temperature of the process fluid, the ambient temperature, and the installation conditions.
Static electricity		A warning label indicating risk of static electricity is placed

Impact or friction of moving parts		The movement of the float, cable, pulleys, and counterweight is slow, non-motorized, and driven solely by changes in the liquid level. The moving parts have no power source of their own and do not operate at speeds or under loads capable of generating significant heat. The main materials are PP/PVC/PVDF and, depending on the configuration, EN 1.4404; no generation of effective mechanical sparks is expected under normal conditions of use. The potential risk associated with polymeric materials is treated as an electrostatic risk and is controlled by a warning against dry-wiping.
Mechanical resistance		The mechanical strength is considered adequate for the intended use, based on the design, materials, and operating conditions specified in the technical documentation.

80079-36 6.2.3

Maximum surface temperature.

The unit does not generate heat on its own. The maximum surface temperature will depend on the temperature of the process fluid, the ambient temperature, and the installation conditions. The maximum permissible temperature for the fluid is 60 °C, and the ambient temperature is 70 °C respectively.

80079-36 7.4.2

Classification of non-metallic parts.

The equipment incorporates non-metallic parts in its construction, primarily transparent PVC tubing, a PVC counterweight, and pulleys. Depending on the configuration supplied, the float may be made of PP, PVC, PVDF or EN 1.4404/AISI 316L.

The non-metallic parts of the equipment do not, in and of themselves, constitute an effective source of ignition under the intended conditions of use. However, since these are polymeric materials, the potential risk of electrostatic charge buildup due to cleaning, rubbing, contact/separation, or process conditions must be considered. For this reason, the equipment must include a safety warning stating that non-metallic surfaces should be cleaned only with a damp cloth and should not be rubbed dry.

80079-36 7.4.3

The non-metallic materials used in the equipment are primarily PVC, and depending on the configuration, PP or PVDF are suitable for the equipment's intended operating conditions. The maximum permissible temperature for the fluid is 60 °C, and the ambient temperature may reach up to 70 °C, in accordance with the design and operating conditions for the NPC series. Use of the equipment outside the temperature range specified in the technical documentation is not permitted.

80079-36 6.7

Due to the presence of polymeric materials, the buildup of electrostatic charge resulting from dry cleaning, rubbing, contact/separation, or specific process conditions cannot be ruled out. To reduce this risk, the equipment includes a warning label listing the safety measures that must be followed during operation.

80079-36 6.4.4 (60079-0 paragraph 8)

Lightweight materials.

This does not apply to the declared configuration for the NPC series, as it does not incorporate metal enclosures made of aluminum or lightweight alloys.

80079-36 6.7.3

Ground connection for conducting parts.

The NPC series, in the declared configuration, does not incorporate electrical components nor require a functional ground connection. No specific grounding terminal is declared.

In Sant Just Desvern

Date: July 15th, 2026

A handwritten signature in black ink, appearing to read 'Oscar Súchil', is centered on the page.

Oscar Súchil
(Responsible for Ex Products)