

Manufacturer Declaration

Endress+Hauser SE+Co. KG, Hauptstraße 1, 79689 Maulburg

declares as manufacturer, that the following product

Gammapilot FMG50

was subjected to type testing for degree of protection IP66/68 according to IEC60529, before being released for series production.

During the testing of water protection IPx6 the sample enclosures were hose down with a jet at all angles, through a 12.5mm nozzle at a flow rate of 100 liters/min. The distance between the sample and the nozzle was 2.5 m to 3.0 m.

During the testing of water protection IPx8 the sample enclosures were totally submersed in water. The highest point of the enclosure was at least 1.83 m below the surface of water, the test runs for 24hrs continuously and no water inside the enclosure was detected upon its completion.

During the testing of dust protection IP6x the sample enclosures were set to a reduced pressure of 20mbar (2kPa). The aim was to draw a flow rate 80 times of the tested enclosure volume without exceeding the 60 volumes per hour. For a flow rate between 40 to 60 times of the volume per hour, the test durance was 2 hours and for a flow rate less than 40 volumes per hour the test was continued until a flow rate of 80 volumes was reached or max. 8 hours. A talc powder with a particle size of 50 µm and 2 kg/m³ acc. EN/IEC 60529 was used.

The tested aluminum enclosure and stainless steel 316L enclosure completely fulfill the set requirements.

In addition, the characteristics of the cable connections can result in a lower protection class. Details can be found in TI01462F.

This declaration of conformity is only valid for the customer listed in the cover letter of the responsible Endress+Hauser sales center and for the listed products and accessories in delivery status. Any enclosed supplies are not covered by this declaration. This declaration of conformity stays valid for three years after date of issue.

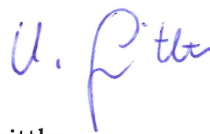
Maulburg, 15.09.2021
Endress+Hauser SE+Co. KG

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