

Company Endress+Hauser SE+Co. KG, Hauptstrasse 1, 79689 Maulburg

declares as manufacturer, that the following product

Product **Levelflex FMP5x**
(x = 0...7) with aluminum housing GT20

is in conformity with the following provisions:

were 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 where the sample is located 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 24 h continuously and no water inside the enclosure was detected upon completion.

During the testing of dust protection IP6x the sample enclosures were set to a reduced pressure of 20 mbar (2 kPa). The aim was to draw a flow rate of 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 will continue until a flow rate of 80 volumes is 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 housing GT20 completely fulfills the set requirements.

This declaration of compliance is exclusively valid for the listed products in delivery status.

Maulburg, 30-März-2022
Endress+Hauser SE+Co. KG


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