



THIS IS TO CERTIFY THAT

Endress+Hauser SE+Co.KG

Hauptstrasse 1, Maulburg 79689 , Germany

is hereby authorized to continue to apply the
3-A Symbol to the models of equipment, conforming to 3-A Sanitary Standards for:

Number 74-07
74-07 (Sensors and Sensor Fittings and Connections)

set forth below

CIP Models: Pressure Devices:

Cerabar M (O)PMC51 - MRJ, MZJ, NCJ, NDJ, TDJ, TFJ, TJJ, TQJ, TRJ, S4J, UPJ, TXJ, T7J, UNJ;

Cerabar M (O)PMP51 - MXJ, MIJ, MZJ, MRJ, S1J, S4J, TBJ, TCJ, TJJ, TDJ, TQJ, TRJ, T6J, T7J,
TXJ, GZJ, UNJ, TPJ

Cerabar M (O)PMP55 - MIJ, MRJ, MSJ, MTJ, MZJ, NCJ, NDJ, NFJ, NXJ, NZJ, S4J, TCJ, TJJ, TDJ,
TFJ, TQJ, TRJ, UPJ, T6J, T7J, TXJ, TEJ, S6J, SBJ, SCJ, SDJ, SIJ, SJJ;

Cerabar S (O)PMC71 - MP, MR, TD, TF, TJ, TR;

Cerabar S (O)PMP75 - MI, MR, MS, MT, OO, MZ, S4, S6, TB, TC, TD, TE, TF, SB, SC, SD, TG, TH,
TI, TR, TU;

Cerabar (O)PMP23 - 3AJ, 3CJ, 3EJ, WSJ, X2J, X3J, 1GJ, 1JJ, 1DJ, 52J, 4QJ, 41J, 42J;

Cerabar (O)PMP43 - 3AJ, 3CJ, 3EJ, WSJ, X2J, X3J, 1GJ, 1JJ, 1DJ, 52J, 4QJ, 41J, 42J;

Ceraphant (O)PTP33B - 3AJ, 3CJ, 3EJ, WSJ, X2J, X3J, 1GJ, 1JJ, 1DJ, 52J, 4QJ, 41J, 42J;

Deltabar S (O)FMD78 - TB, TC, TD, TE, TF, TR, TU, WH, MI, MZ, MR, MS, MT, S4, S6, 00, TH, TI,
TP, TR, TS, TT, TV, TW, UA, UB, UC, UD, UE, UF, UG, UK, UT;

Deltabar (O)FMD71 - MRJ, MZJ, NCJ, NDJ, S4J, TDJ, TFJ, TQJ, TRJ, UNJ, UPJ;

Deltabar (O)FMD72 - MRJ, MZJ, NCJ, NDJ, S4J, TDJ, TFJ, TQJ, TRJ, MIJ, S1J, TBJ, TCJ, TJJ, TPJ,
TXJ, T6J, T7J;

DeltaPilot M (O)FMB50 - MRJ, MZJ, NDJ, S4J, TXJ, TRJ, UPJ, UQJ, USJ, UTJ, TDJ, UNJ, UOJ, URJ;

DeltaPilot S (O)FMB70 - M2, M3, S4, ND, TD, TR, UE, 00, 02, 57, 60, 62, 01, 58;

Liquid Level Devices:

Liquiphant M Type (O)FTL50H - GQ2, GW2, TE2, TC2, MA2, MC2, ME2, EE2, HE2, UE2, WE2, TD2, TF2

Liquiphant M Type (O)FTL51H - GQ2, GW2, TE2, TC2, MA2, MC2, ME2, EE2, HE2, UE2, WE2, TD2, TF2

Liquiphant (O)FTL63 - W5J, WSJ, 3EJ, 3CJ, 1BJ, 1CJ, 1DJ, 5ZJ, 1RJ, 4RJ, 43J, 32J, 34J

Liquiphant Type (O)FTL33 - WSJ, W5J, X2J, 3CJ, 3EJ, 1GJ, 1HJ, 1JJ, 5ZJ;

Levelflex (O)FMP52 - TAK, TLK, TNK;

Levelflex (O)FMP53 - TEJ, TGJ, TPJ, MAJ, MDJ, MOJ, MQJ, S1J, S4J, S6J, TSJ, TXJ, T7J, U1J;

Prosonic S (O)FDU91F - S, T;

Liquicap M Type (O)FMI51 - TJK, TDK, TNJ, GQJ, GWJ, MRJ, TCJ, TDJ, TJJ, UPJ;

Liquicap M Type (O)FMI52 - TJK, TDK, GQJ, GWJ, MRJ, TCJ, TDJ, TJJ, UPJ;

Liquicap M Type (O)FTI51 - TJK, TDK, TNJ, GQJ, GWJ, MRJ, TCJ, TDJ, TJJ, UPJ;

Liquicap M Type (O)FTI52 - TJK, TDK, GQJ, GWJ, MRJ, TCJ, TDJ, TJJ, UPJ;

Liquipoint (O)FTW33 - WSJ, W5J, X2J, 1AJ, 1CJ, 3CJ, 3EJ, 1DJ, 1GJ, 1JJ, 1KJ;

Liquipoint (O)FTW23 - WSJ, W5J, X2J;

Micropilot Type (O)FMR52 - TDK, TFK, THK;

Micropilot (O)FMR62 – MRK, MTK, TDK, TFK, THK, U2J;

Micropilot (O)FMR63B – 1DK, 1FK, 3EK, 3FK, 3HK, X2J

Nivector (O)FTI26 – WDJ;

LiquiTrend (O)QMW43 - WSJ, W5J, X2J, 1AJ, 1CJ, 3CJ, 3EJ, 1DJ, 1GJ, 1JJ, 1KJ;

Process Connections:

71477801 Pipe assembly DN25, flush mount

71477803 Pipe assembly DN32, flush mount

71477807 Pipe assembly DN40, flush mount

71477808 Pipe assembly DN50, flush mount

71477812 Pipe assembly Clamp DN25, flush mount

71477813 Pipe assembly Clamp DN32, flush mount

71477816 Pipe assembly Clamp DN40, flush mount

71477817 Pipe assembly Clamp DN50, flush mount

Welded O.D. Tubing Connection,

E+H M24x1.5 Male Process Connection,

E+H M24x1.5 Female Adapter with Tri-Clamp Connection,

E+H M24x1.5 Female Adapter with Weld-in Adapter,

E+H M24x1.5 Female Adapter with SMS Adapter,
E+H M24x1.5 Female Adapter with Varivent Adapter,
DIN 11851 Adapter;
Adapter with Tri-Clamp Connection,
Tri-Clamp, ISO 2852 (DIN 32676),
IDF ISO 2853 with Special Gasket,
DIN 11851 Modified with Radius and Special Gasket,
SMS 1145 Modified with Radius and Special Gasket,
DIN 11864-1 Form A,
DIN 11864-2 Form A,
DIN 11864-3 Form A,
Swagelok TS,
Neumo BioConnect with O-ring,
Tuchenhagen Varivent Type Connections,
E+H Universal Process Connection with Special Gasket,
E+H Universal Process Female Adapters with Weld-in Adapter,
E+H Universal Process Female Adapters with Tri-Clamp Adapter,
E+H Universal Process Female Adapters with Varivent Adapter,
E+H Universal Process Female Adapters with DIN 11851 Adapter;
E+H G3/4 in. and G1 in. Weld Adapters with O-ring,
E+H G1 in. Adapter with Tri-Clamp connection,
E+H Flush Mounting for 1 in. Weld Neck Adapter with Elastomer Seal,
Anderson Flush Mount Long Level Sensor Shell (71060-A3, A5, A7, and A9) with Special Gasket,
Anderson Flush Mount Long Level Sensor Shell (71060-A4, A6, and A8) with Special Gasket, Neumo
BioControl with O-ring,
King Gage 1777-x (where x = 1, 2, or 3),
Rosemount Sanitary Tank Spud,
PI Components Sanitary Tank Spud,
Sudmo W500, W505, W600 and V140 Connections,
In-line Process Pipe Diaphragm Seal with End Connections from this list.

VALID THROUGH: **December 31, 2023**

Timothy R. Rugh
Executive Director
3-A Sanitary Standards, Inc.

The issuance of this authorization for the use of the 3-A Symbol is based upon the voluntary certification, by the applicant for it, that the equipment listed above complies fully with the 3-A Sanitary Standard(s) designated. Legal responsibility for compliance is solely that of the holder of this Certificate of Authorization, and 3-A Sanitary Standards, Inc. does not warrant that the holder of an authorization at all times complies with the provisions of the said 3-A Sanitary Standards. This in no way affects the responsibility of 3-A Sanitary Standards, Inc. to take appropriate action in such cases in which evidence of nonconformance has been established.

NEXT TPV INSPECTION/REPORT DUE: **July 2024**