



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)FTL43 - W5J, WSJ, 1BJ, 1CJ, 1DJ, 5ZJ, 1RJ, 4RJ, 43J, 3CJ, 3EJ, 41J

Liquiphant (O)FTL63 - W5J, WSJ, 3EJ, 3CJ, 1AJ, 1BJ, 1CJ, 1DJ, 5ZJ, 1RJ, 4RJ, 43J, 32J, 34J, 35J, 34C, 32C, 11J, 14J, 15J, 16J, 2GJ, 5AC, 5AJ, 5DJ, 52J, 6DJ

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)FTI51 - TJK, TDK, TNJ, 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 (O) FMR43 - X2J, 3CK, 3EK, 5DK;

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, 43K, 5AK, 5DK;

Nivector (O)FTI26 – WDJ;

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

Fermentation Monitor (O)QWX43 - 1DJ, 3EJ, 3HJ, 3JJ, 42J

Process Connections:

71477801Pipe assembly DN25, flush mount

71477803Pipe assembly DN32, flush mount

71477807Pipe assembly DN40, flush mount

71477808Pipe assembly DN50, flush mount

71477812Pipe assembly Clamp DN25, flush mount

71477813Pipe assembly Clamp DN32, flush mount

71477816Pipe assembly Clamp DN40, flush mount

71477817Pipe assembly Clamp DN50, flush mount

Male connections for adapter:

Endress+Hauser M24x1.5 Thread connection
Endress+Hauser Universal Adapter
Endress+Hauser G3/4" Thread connection
Endress+Hauser G1" Thread connection
Endress+Hauser G1" Flush mounted thread connection

Female adapter with process connection:

Adapter with Tri-Clamp Connection
Adapter with Weld-in connection
Adapter with SMS connection
Adapter with Varivent connection
Adapter with DIN 11851 connection
Adapter with DIN 11864-1 Form A connection
Adapter with DIN 11864-2 Form A connection
Adapter with DIN 11864-3 Form A connection

Certified devices with adapters and process connections from this list on special customer request:

Tri-Clamp
SMS
Varivent
DIN 11851
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,
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, 2024

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: April 2029