

ISSUE DATE: October 17, 1985

CERTIFICATE AUTHORIZATION NUMBER: 459



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 74-06
74-06 (Sensors and Sensor Fittings and Connections)

set forth below

CIP Models: Pressure Devices: Cerabar M PMC51 - MRJ, MZJ, NCJ, NDJ, TDJ, TFJ, TJJ, TQJ, TRJ, S4J, TMJ, UPJ, TXJ, T7J, UNJ; Cerabar M PMP51 - MXJ, MIJ MZJ, MRJ, S1J, S4J, TBJ, TCJ, TJJ, TDJ, TMJ, TQJ, TRJ, T6J, T7J, TXJ, GZJ, UNJ; Cerabar M 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 PMC71 - MP, MR, TD, TF, TR; Cerabar S PMP75 - MI, MR, MS, MT, OO, MZ, S4, S6, TB, TC, TD, TE, TF, SB, SC, SD, TG, TH, TI, TR, TU; Cerabar T PMP135 - F, G, H, S, N; Cerabar PMP23, OPMP23 - 3AJ, 3CJ, 3EJ, WSJ, X2J, X3J, 1GJ, 1JJ, 1DJ, 52J, 4QJ, 41J, 42J; Cerabar PMP43, OPMP43 - 3AJ, 3CJ, 3EJ, WSJ, X2J, X3J, 1GJ, 1JJ, 1DJ, 52J, 4QJ, 41J, 42J; Ceraphant PTP33B, OPTP33B - 3AJ, 3CJ, 3EJ, WSJ, X2J, X3J, 1GJ, 1JJ, 1DJ, 52J, 4QJ, 41J, 42J; Ceraphant T PTP35 - DA, DB, DL, KL, LB, LL, PH, PL, HL, BB; Ceraphant T OTP35 - DA, DB, DL, KL, LB, LL, PH, PL, HL; Ceraphant T OTP35R - DA, DB, DL, KL, LB, LL, PH, PL, HL; Deltabar S FMD78 - TB, TC, TD, TE, TF, TR, TU, WH, MI, MZ, MR, MS, MT, S4, S6, OO, TH, TI, TP, TR, TS, TT, TU, TV, TW, UA, UB, UC, UD, UE, UF, UG, UK, UT; DeltaPilot M FMB50 - MRJ, MZJ, NDJ, S4J, TXJ, TRJ, UPJ, UQJ, USJ, UTJ, TDJ, UNJ, UOJ; DeltaPilot S FMB70 - M2, M3, S4, ND, TD, TR, UE, OO, 57, 60, 62, 01, 58; Deltabar FMD71 - MRJ, MZJ, NCJ, NDJ, S4J, TDJ, TFJ, TQJ, TRJ, UNJ, UPJ; Deltabar OFMD71 - MRJ, MZJ, NCJ, NDJ, S4J, TDJ, TFJ, TQJ, TRJ, UNJ, UPJ; Deltabar FMD72 - MRJ, MZJ, NCJ, NDJ, S4J, TDJ, TFJ, TQJ, TRJ, MIJ, S1J, TBJ, TCJ, TJJ, TPJ, TXJ, T6J, T7J; Deltabar OFMD72 - MRJ, MZJ, NCJ, NDJ, S4J, TDJ, TFJ, TQJ, TRJ; Liquid Level Devices: Liquiphant T Type FTL330L - F, S, T, U, V; Liquiphant T Type FTL330H - F, T, U; Liquiphant M Type FTL50H - GQ2, GW2, TE2, TC2, MA2, MC2, ME2, EE2, HE2, UE2, WE2; Liquiphant M Type FTL51H - GQ2, GW2, TE2, TC2, MA2, MC2, ME2, EE2, HE2, UE2, WE2; Liquiphant, S Type FDL60 - ME2, TE2; Liquiphant S Type FDL61 - ME2, TE2; Micropilot M FMR245 - TDK, TFK, THK; Levelflex M FMP41C - TJK, TLK, TNK; Levelflex M FMP43 - TCJ, TDJ, TFJ; Levelflex FMP52 - TAK, TLK, TNK; Levelflex FMP53 - TDJ, TFJ, TOJ, Prosonic S FDU91F - S, T; Liquicap M Type FMI51 - TJK, TDK, TNJ, GQJ, GWJ, MRJ, TCJ, TDJ, TJJ, UPJ; Liquicap M Type FMI52 - TJK, TDK, GQJ, GWJ, MRJ, TCJ, TDJ, TJJ, UPJ; Liquicap M Type FTI51 - TJK, TDK, TNJ, GQJ, GWJ, MRJ, TCJ, TDJ, TJJ, UPJ; Liquicap M Type FTI52 - TJK, TDK, GQJ, GWJ, MRJ, TCJ, TDJ, TJJ, UPJ; Liquipoint FTW33 - WSJ, WVJ, W5J, X2J, 1AJ, 1CJ, 3CJ, 3EJ; Liquipoint FTW23, OFTW23 - WSJ, WVJ, W5J, X2J; Micropilot Type FMR52 - TDK, TFK, THK; Micropilot FMR62 / OFMR62 - MRK, MTK, TDK, TFK, THK; Liquiphant Type FTL33 / OFTL33 - WSJ, W5J, X2J, 3CJ, 3EJ, 1GJ, 1HJ, 1JJ, 5ZJ; Nivector FTI26 - WDJ; Process Connections: Welded O.D. Tubing Connection, E+H M24x1.5 Male Process Connection, E+H M24x1.5 Female Adapter with: Tri-Clamp Connection, Weld-in Adapter, SMS

Adapter, 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, Tri-Clamp Adapter, Varivent Adapter, 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: **August 31, 2019**

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: **August 2019**



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