



THIS IS TO CERTIFY THAT

Endress + Hauser Wetzler GmbH+Co. KG
Obere Wank 1, D-87484 Nesselwang , 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:

TMR35- AB, AC, AD, DB, DL, DM, DP, HL, LB, LL, PG, PH, PL, PM or YY;

TMR35- R1 and (060) WA or WB;

TTR35- DB, DL, DP, HL, LB, LL, PG, PH or PL or YY;

DTT35- DB, DL, HL, LB, LL, PG, PH or PL or YY;

TM311- A1, A7, B2, B3, B4, B5, C1, C2, D1, D2, D3, E1, E2, E3, E4, J1, J2, J3, K1, L1, L2, L3, U2, UB,
UC, UD, UE, U8, V2, VB, VC, VD, VE or V8 or YY;

OTMR35- AB, AC, AD, DB, DL, DM, DP, HL, LB, LL, PG, PH, PL or PM or YY;

OTMR35- R1 and (060) WA or WB;

OTR35- DB, DL, DP, HL, LB, LL, PG, PH, PL or YY;

ODTT35- DB, DL, HL, LB, LL, PG, PH, PL or YY;

OTM311- A1, A7, B2, B3, B4, B5, C1, C2, D1, D2, D3, E1, E2, E3, E4, J1, J2, J3, K1, L1, L2, L3, U2,
UB, UC, UD, UE, U8, V2, VB, VC, VD, VE, V8 or YY;

TM371- A1, A7, B1, B2, B3, B4, B5, C1, C2, D1, D2, D3, D4, D5, E1, E2, E3, E4, F1, F2, J1, J2, J3, K1,
L1, L2, L3, U2, UB, UC, UD, UE, U8, V2, VB, VC, VD, VE, V8, Q1, Q2, Q3 or YY;

TM372- B1, B2, B3, C2, D1, D2, D3, D4, D5, J1, J2, J3, L1, L2, L3, UE, U8, VE, V8 or YY;

TM401- A1, A4, C1, C2, D1, D2, D3, E1, E2, E3, E4, J1, J2, J3, L2, L3 or YY;

TM402- C2, D1, D2, D3, J1, J2, J3, L2, L3 or YY;

TM411- A1, A7, B1, B2, B3, B4, B5, C1, C2, D1, D2, D3, D4, D5, E1, E2, E3, E4, F1, F2, J1, J2, J3, K1,
L1, L2, L3, U2, UB, UC, UD, UE, U8, V2, VB, VC, VD, VE, V8, Q1, Q2, Q3 or YY;

TM412- B1, B2, B3, C2, D1, D2, D3, D4, D5, J1, J2, J3, L1, L2, L3, UE, U8, VE, V8 or YY;

TT411- B1, B2, B3, B4, B5, C1, C2, D1, D2, D3, D4, D5, E1, E2, E3, E4, F1, F2, J1, J2, J3, K1, L1, L2,
L3, U2, UB, UC, UD, UE, U8, V2, VB, VC, VD, VE, V8, Q1, Q2, Q3 or YY;

TT412- B1, B2, B3, C2, D1, D2, D3, D4, D5, J1, J2, J3, L1, L2, L3, UE, U8, VE, V8 or YY;

TE411- (520) C4 and

TK40- (020) A, B or C and (050) A, D.

The following process connections/ fittings/ combinations (YY) can be specified on models above:

Compr. fitting TK40 spherical, PEEK ferrule, diam. 25mm, to weld-in;

Compr. fitting TK40 cylindrical, Elastosil ferrule, diam. 30mm, to weld-in;

Weld-in adapter cylindrical:

D 12.7mm, D 20mm, D 12x40mm, D 14x40mm, D 30x40mm, D 30x60mm,
D 1/2" NPS, D 3/4" NPS, D 1" NPS;
Weld-in adapter spherical-cylindrical: D 30x40mm;
Weld-in adapter spherical: D 25mm, D 40mm;
Microclamp, Form A and Tri-Clamp, Form B: DN18 (3/4");
Clamp > NA Connect ISO2852, Form B:
DN12 - 21.3 (1/2"), DN25-38 (1-1.5"), DN40-51 (2"), DN63.5 (2.5"), DN70 - 76.5 (3");
Dairy fitting DIN11851: DN25, DN32, DN40, DN50, DN65;
Aseptic screwed pipe connection DIN11864-1-A, DIN11864-2-A, DIN11864-3-A, Row A:
DN25, DN32, DN40, DN50;
Aseptic screwed pipe connection DIN11864-1-A, DIN11864-2-A, DIN11864-3-A, Row B:
DN26.9, DN33.7, DN42.4, DN48.3, DN60.3, DN76.1, DN88.9;
Aseptic screwed pipe connection DIN11864-3-A, Row C: DN 1", DN 1.5", DN 2", DN 2.5"; □
Male thread ISO228 for FTL31/33/20: G3/4;
Male thread ISO228 for FTL50 adapter: G3/4, G;
APV Inline: DN50;
Varivent: type B, D 31mm; type F, D 50mm; type N, D 68mm;
Neumo Biocontrol: D25, D50, D65;
Tee thermowell and elbow thermowell, DIN11865-A: DN25, DN32, DN40, DN50, DN65;
Tee thermowell and elbow thermowell, DIN11865-B: DN26.9, DN33.7, DN42.4, DN48.3, DN60.3,
DN76.1 and Tee thermowell and elbow thermowell, DIN11865-C: DN25.4 (1"), DN38.1 (1.5"), DN50.8
(2"), DN63.5 (2.5"), DN76.2 (3"), DN101.6 (4").

All tee and elbow thermowell sizes above are available in combination with:
Clamp ISO2852, Dairy fitting DIN11851 and Aseptic screwed pipe connections DIN11864-1-A,
DIN11864-2-A, DIN11864-3-A.

VALID THROUGH: December 31, 2026

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: September 2029