

CERTIFICATE OF CONFORMITY



- HAZARDOUS (CLASSIFIED) LOCATION ELECTRICAL EQUIPMENT PER US REQUIREMENTS**
- Certificate No:** FM16US0360X
- Equipment:** Model Cerabar-S PMP71, PMP75, PMC71 and Model Deltabar-S PMD75, FMD77, FMD78, Deltapilot-S FMB70 Pressure Transmitters
(Type Reference and Name)
- Name of Listing Company:** Endress+Hauser GmbH+Co KG
- Address of Listing Company:** Hauptstrasse 1
Postfach 1261
Maulburg
D79689
Germany
- The examination and test results are recorded in confidential report number:
3017778 dated 16th January 2004
- FM Approvals LLC, certifies that the equipment described has been found to comply with the following Approval standards and other documents:
FM Class 3600:2011, FM Class 3610:2015, FM Class 3611:2004, FM Class 3810:2005, ANSI/ISA 61010-1:2012, ANSI/ISA 60079-0:2013, ANSI/ISA 60079-11:2014, ANSI/NEMA 250:2003, ANSI/ISA 12.27.01:2011
- If the sign 'X' is placed after the certificate number, it indicates that the equipment is subject to specific conditions of use specified in the schedule to this certificate.
- This certificate relates to the design, examination and testing of the products specified herein. The FM Approvals surveillance audit program has further determined that the manufacturing processes and quality control procedures in place are satisfactory to manufacture the product as examined, tested and Approved.

Certificate issued by:

J. E. Marquedant
Manager, Electrical Systems

25 January 2017

Date

To verify the availability of the Approved product, please refer to www.approvalguide.com

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FM Approvals LLC. 1151 Boston-Providence Turnpike, Norwood, MA 02062 USA
T: +1 (1) 781 762 4300 F: +1 (1) 781 762 9375 E-mail: information@fmapprovals.com www.fmapprovals.com

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US Certificate Of Conformity No: FM16US0360X

10. Equipment Ratings:

Intrinsically Safe for Class I, II, III Division 1, Groups A, B, C, D, E, F, and G hazardous (classified) locations, Intrinsically Safe for Class I, Zone 0, Group IIC hazardous (classified) locations; Dust-Ignitionproof for Class II, III Division 1, Groups E, F, and G hazardous (classified) locations, Nonincendive for Class I, II, III Division 2, Groups A, B, C, D, F, and G hazardous (classified) locations, Nonincendive Field Wiring Connections to Class I, II, III, Division 2, Groups A, B, C, D, E, F, and G, Class I, Zone 2, Group IIC hazardous (classified) locations. Indoor and Outdoor Type 4X and Type 6P with a temperature Class of T4 with an ambient temperature of +70°C for Division 1, T6 with an ambient temperature of +65°C for Division 2. Single Seal per ANSI/ISA 12.27.01 (all models). Dual Seal per ANSI/ISA 12.27.01 (Cerabar-S PMP71, PMP75, PMC71).

11. The marking of the equipment shall include:

Cerabar-S PMP71, PMP75, PMC71

IS CLI, II, III, DIV 1, GP A, B, C, D, E, F, G; T* - 960006699, Entity, 960006703, FISCO, Entity; Type 4X, 6P
CLII, DIV 1, GP E, F, G, CLIII, DIV 1; T*; Type 4X, 6P
CLI, Zn 0, AEx ia IIC; T* - 960006699
NI CLI, II, III, DIV 2, GP A, B, C, D, F, G; T* - XA01063P, 960006699, NIFW, 960006703, FNICO; Type 4X, 6P
CLI, Zn2, IIC; T* - XA01063P; Type 4X, 6P
PMP71, PMP75: Single Seal per ANSI/ISA 12.27.01 (MWP = 400 bar)
PMP71, PMP75: Dual Seal per ANSI/ISA 12.27.01 (MWP = 200 bar)
PMC71: Dual Seal per ANSI/ISA 12.27.01 (MWP = 40 bar)

Deltabar-S PMD75, FMD77, FMD78

IS CLI, II, III, DIV 1, GP A, B, C, D, E, F, G; T* - 960006696, Entity, 960006703, FISCO, Entity; Type 4X, 6P
CLII, DIV 1, GP E, F, G, CLIII, DIV 1; T*; Type 4X, 6P
CLI, Zn 0, AEx ia IIC; T* - 960006696
NI CLI, II, III, DIV 2, GP A, B, C, D, F, G; T* - XA01064P, 960006696, NIFW, 960006703, FNICO; Type 4X, 6P
CLI, Zn2, IIC; T* - XA01064P; Type 4X, 6P
Single Seal per ANSI/ISA 12.27.01 (MWP = 420 bar)

Deltapilot-S FMB70

IS CLI, II, III, DIV 1, GP A, B, C, D, E, F, G; T* - 960007651, Entity, 960007738, FISCO; Type 4X, 6P
CLII, DIV 1, GP E, F, G, CLIII, DIV 1; T*; Type 4X, 6P
CLI, Zn 0, AEx ia IIC; T* - 960007651
NI CLI, II, III, DIV 2, GP A, B, C, D, F, G; T* - XA01065P, 960007651, NIFW, 960007738, FNICO; Type 4X, 6P
CLI, Zn2, IIC; T* - XA01065P; Type 4X, 6P
Single Seal per ANSI/ISA 12.27.01 (MWP = 10 bar)

12. **Description of Equipment:**

General - The Cerabar-S, Deltapilot-S, and Deltabar-S pressure transmitters consist of various modules which allow the realization of pressure and differential pressure transmitters. The Cerabar-S and Deltapilot-S products are used for pressure measurements while the Deltabar-S products are used for differential pressure measurements. The applied sensor module defines the final transmitter. The sensor modules can be combined with various types of process connections, depending on the specific application requirements for chemical,

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sanitary, or general application.

Construction - The Cerabar, Deltapilot, and Deltabar Pressure Transmitters come in Aluminum or stainless steel enclosures and consist of a top works section for field wiring, displays, house the interface circuitry. A number of different options of sensors are available depending on the required application.

Ratings – see below:

Cerabar-S PMP71, PMP75, PMC71 and Deltabar-S PMD75, FMD77, FMD78, Deltapilot-S FMB70
Entity Parameters:

For option b = A, B or C:

Terminals	Groups	$V_{Max}(V)$	$I_{Max}(mA)$	$P_i(W)$	$C_i(nF)$	$L_i(\mu H)$
+ and -	A/B	30	200	1	11.8	225

For option b = D, E or F:

Terminals	Groups	$V_{Max}(V)$	$I_{Max}(mA)$	$P_i(W)$	$C_i(nF)$	$L_i(\mu H)$
+ and -	A/B	30	200	1	11.8	0

For option b = M, N, O, P, Q, or R:

Terminals	Groups	$V_{Max}(V)$	$I_{Max}(mA)$	$P_i(W)$	$C_i(nF)$	$L_i(\mu H)$
+ and -	A/B	24	250	1.2	5.0	225

Nonincendive Field Wire Parameters (NIFW):

Terminals	Groups	$V_{Max}(V)$	$P_i(W)$	$C_i(nF)$	$L_i(\mu H)$
+ and -	A-D	45	1	11.8	225

FISCO and FNICO Entity Parameters:

Terminals	Groups	$V_{Max}(V)$	$I_{Max}(mA)$	$P_i(W)$	$C_i(nF)$	$L_i(\mu H)$
+ and -	A/B	17.5	500	5.5	0	10

For installation instructions and the Temperature Class (*), which applies to specific Models, ambient temperature (T_a), and process medium temperature (T_{med}), refer to Control Drawings listed in section 11.

Cerabar-S PMP71-abcdefghijklmnpqrstu Pressure Transmitter.

a = S, Q, or R representing approval.

S: FM IS Cl. I, II, III, Div. 1 ABCDEFG, NI Cl. I Div. 2 ABCD, DIP Cl. II Div. 1 EFG, Cl. III

Q: FM DIP Cl. II, III, Div. 1 EFG

R: FM NI Cl. I, Div. 2, ABCD

b = Electronic/Communication/Display A, B, C, D, E, F, M, N, O, P, Q or R.

A: 4..20 mA, HART with display, ext. pushbuttons

B: 4..20 mA, HART with display

C: 4..20 mA, HART

D: 4..20 mA, HART with display, ext. pushbuttons ($L_i = 0$)

E: 4..20 mA, HART with display ($L_i = 0$)

F: 4..20 mA, HART ($L_i = 0$)

M: PROFIBUS PA, with display, ext. pushbuttons

N: PROFIBUS PA, with display

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O: PROFIBUS PA
P: FOUNDATION FIELDBUS, with display, ext. pushbuttons
Q: FOUNDATION FIELDBUS, with display
R: FOUNDATION FIELDBUS

c = Enclosure, aluminum or stainless steel housing with different cable entries, with or without display, any single letter or number.

d = Pressure sensor, pressure ranges up to 700 bar, any dual letter or number combination.

e = Calibration, units; any single letter or number.

f = Material of diaphragm, any single letter or number.

g = Process connection/material; any dual letter or number combination representing industrial standard process connections.

h = Fill media; any single letter or number.

i = Options:

E (SIL, not verified by FM), F (NSF approval), M (overvoltage protection), N (HistoROM), S (marine approval), or any single letter or number representing non safety relevant options.

k = Additional options:

E (SIL, not verified by FM), F (NSF approval), G(separated housing), M(overvoltage protection), N (HistoROM), S (marine approval), or any single letter or number representing non safety relevant options.

+ optional additional ordercode (maybe choosed or not):

l = application package; any dual letter or number (e.g. setup software)

m = Service; any dual letter or number

n = Test, Certificate; any dual letter or number

o = additional approval; L8: EAC marking (not FM verified) or any dual letter or number representing non safety relevant options

p = accessory, mounted; manifold, any dual letter or number

q = accessory, enclosed; any dual letter or number

r = alternative cover seal, any dual letter or number

s = firmware version; any dual letter or number

t = Marking, Tagging; any dual letter or number

u = Marking, Tagging; any single letter or number

Cerabar-S PMP75-abcdefghik+lmnopqrstuv. Pressure Transmitter.

a = S, Q, or R representing approval

S: FM IS Cl. I, II, III, Div.1. ABCDEFG, NI Cl. I, Div.2 ABCD, DIP CL.II, Div.1 EFG, Cl.III

Q: FM DIP Cl. II,III, Div.1, EFG

R: FM NI Cl.I, Div.2, ABCD

b = Electronic/ Communication/ Display A, B, C, D, E, F, M, N, O, P, Q, R

A: 4..20 mA, HART with display, ext. pushbuttons M: Profibus PA, with display, ext. pushbuttons

B: 4..20 mA, HART with display N: Profibus PA, with display

C: 4..20 mA, HART O: Profibus PA

D: 4..20 mA, HART with display, ext. pushbuttons (Li=0) P: Foundation Fieldbus, with display, ext. pushbuttons

E: 4..20 mA, HART with display (Li=0) Q: Foundation Fieldbus, with display

F: 4..20 mA, HART (Li=0) R: Foundation Fieldbus

c = enclosure, aluminum or stainless steel housing with different cable entries, with or without display, any single letter or number

d = pressure sensor, pressure ranges up to 700 bar, any dual letter or number combination

e = calibration, units; any single letter or number

f = material of diaphragm, any single letter or number

g = process connection/ material; any dual letter or number combination representing industrial standard process connections

h = Transmitter mounting, fill fluid, any single letter or number

i = options: E (SIL, not verified by FM), F (NSF approval), M (overvoltage protection), N (HistoROM), S (marine approval) or any single letter or number representing non safety relevant options

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k = additional options: E (SIL, not verified by FM), F (NSF approval), G (separated housing), M (overvoltage protection), N (HistoROM), S (marine approval) or any single letter or number representing non safety relevant options

+ optional additional ordercode (maybe choosed or not):

l = application package; any dual letter or number (e.g. setup software)

m = Service; any dual letter or number

n = Test, Certificate; any dual letter or number

o = additional approval; L8: EAC marking (not FM verified) or any dual letter or number representing non safety relevant options

p = accessory, mounted; none

q = accessory, enclosed; any dual letter or number

r = alternative cover seal, any dual letter or number

s = flexible capillary armouring; any dual letter or number

t = firmware version; any dual letter or number

u = Marking, Tagging; any dual letter or number

v = Marking, Tagging; any single letter or number

Cerabar-S PMC71-abcdefghijkl +lmnopqrstu. Pressure Transmitter.

a = E, S, Q, or R representing approval.

E: FM / CSA IS Cl. I Div. 1 ABCD DIP Cl. II EFG Cl. III / ATEX 1/2 GD EEx ia IIC T6

S: FM IS Cl. I, II, III, Div. 1 ABCDEFG, NI Cl. I Div. 2 ABCD, DIP Cl. II Div. 1 EFG, Cl. III

Q: FM DIP Cl. II, III, Div. 1 EFG

R: FM NI Cl. I, Div. 2, ABCD

b = Electronic/Communication/Display A, B, C, D, E, F, M, N, O, P, Q or R.

A: 4..20 mA, HART with display, ext. pushbuttons

B: 4..20 mA, HART with display

C: 4..20 mA, HART

D: 4..20 mA, HART with display, ext. pushbuttons (Li = 0)

E: 4..20 mA, HART with display (Li = 0)

F: 4..20 mA, HART (Li = 0)

M: PROFIBUS PA, with display, ext. pushbuttons

N: PROFIBUS PA, with display

O: PROFIBUS PA

P: FOUNDATION FIELDBUS, with display, ext. pushbuttons

Q: FOUNDATION FIELDBUS, with display

R: FOUNDATION FIELDBUS

c = Enclosure, aluminum or stainless steel housing with different cable entries, with or without display, any single letter or number.

d = Pressure sensor, pressure ranges up to 40 bar, any dual letter or number combination.

e = Calibration, units; any single letter or number.

f = Material of diaphragm, any single letter or number.

g = Process connection/material; any dual letter or number combination representing industrial standard process connections.

h = Gasket material, any single letter or number.

i = Options:

C (Condensation tight version) E (SIL, not verified by FM), F (NSF approval), M (overvoltage protection), N (HistoROM), S (marine approval), T (high temp. version), or any single letter or number representing non safety relevant options.

k = Additional options:

C (Condensation tight version) E (SIL, not verified by FM), F (NSF approval), G(separated housing), M(overvoltage protection), N (HistoROM), S (marine approval), T (high temp. version), or any single letter or number representing non safety relevant options.

+ optional additional ordercode (maybe choosed or not):

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m = Service; any dual letter or number
n = Test, Certificate; any dual letter or number
o = additional approval; L8: EAC marking (not FM verified) or any dual letter or number representing non safety relevant options
p = accessory, mounted; NB Condensation tight version; manifold, any dual letter or number
q = accessory, enclosed; any dual letter or number
r = alternative cover seal, any dual letter or number
s = firmware version; any dual letter or number
t = Marking, Tagging; any dual letter or number
u = Marking, Tagging; any single letter or number

Deltabar-S PMD75-abcdefghik+lmnopqrstu. Pressure Transmitter.

a = S, Q, or R representing approval.

S: FM IS Cl. I, II, III, Div. 1 ABCDEFG, NI Cl. I Div. 2 ABCD, DIP Cl. II, Div. 1 EFG, Cl. III

Q: FM DIP Cl. II, III, Div. 1 EFG

R: FM NI Cl. I, Div. 2, ABCD

b = Electronic/Communication/Display A, B, C, D, E, F, M, N, O, P, Q or R.

A: 4..20 mA, HART with display, ext. pushbuttons

B: 4..20 mA, HART with display

C: 4..20 mA, HART

D: 4..20 mA, HART with display, ext. pushbuttons (Li = 0)

E: 4..20 mA, HART with display (Li = 0)

F: 4..20 mA, HART (Li = 0)

M: PROFIBUS PA, with display, ext. pushbuttons

N: PROFIBUS PA, with display

O: PROFIBUS PA

P: FOUNDATION FIELDBUS, with display, ext. pushbuttons

Q: FOUNDATION FIELDBUS, with display

R: FOUNDATION FIELDBUS

c = Enclosure, aluminum or stainless steel housing with different cable entries, with or without display, any single letter or number.

d = Pressure sensor, range PMD75 up to 420 bar static pressure, any dual letter or number combination.

e = Calibration, units; any single letter or number.

f = Material of diaphragm, any single letter or number.

g = Process connection, material; any single letter or number representing industrial standard process connections.

h = Material of sealing, any single letter or number.

i = Options: E(SIL, not verified by FM), M (overvoltage protection), N (HistoROM), S (marine approval), or any single letter or number representing non safety relevant options.

k = Additional options:

E (SIL, not verified by FM), G(separated housing), M(overvoltage protection), N (HistoROM), S (marine approval), or any single letter or number representing non safety relevant options.

+ optional additional ordercode (maybe choosed or not):

l = application package; any dual letter or number (e.g. setup software)

m = Service; any dual letter or number

n = Test, Certificate; any dual letter or number

o = additional approval; L8: EAC marking (not FM verified) or any dual letter or number representing non safety relevant options

p = accessory, mounted; manifold; any dual letter or number

q = accessory, enclosed; any dual letter or number

r = alternative cover seal, any dual letter or number

s = firmware version; any dual letter or number

t = Marking, Tagging; any dual letter or number

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u = Marking, Tagging; any single letter or number

Deltabar-S FMD77-abcdefghijkl +mnopqrstuvwxyz. Pressure Transmitter.

a = S, Q, or R representing approval

S: FM IS Cl. I, II, III, Div. 1 ABCDEFG, NI Cl. I Div. 2 ABCD, DIP Cl. II, Div. 1 EFG, Cl. III

Q: FM DIP Cl. II, III, Div. 1 EFG

R: FM NI Cl. I, Div. 2, ABCD

b = Electronic/Communication/Display A, B, C, D, E, F, M, N, O, P, Q or R.

A: 4..20 mA, HART with display, ext. pushbuttons

B: 4..20 mA, HART with display

C: 4..20 mA, HART

D: 4..20 mA, HART with display, ext. pushbuttons (Li = 0)

E: 4..20 mA, HART with display (Li = 0)

F: 4..20 mA, HART (Li = 0)

M: PROFIBUS PA, with display, ext. pushbuttons

N: PROFIBUS PA, with display

O: PROFIBUS PA

P: FOUNDATION FIELDBUS, with display, ext. pushbuttons

Q: FOUNDATION FIELDBUS, with display

R: FOUNDATION FIELDBUS

c = enclosure, aluminum or stainless steel housing with different cable entries or connectors, any single letter or number

d = pressure sensor, range up to 160 bar static pressure, any dual letter or number combination

e = calibration, units; any single letter or number

f = material of diaphragm, any single letter or number

g = process connection/low pressure side/material/seal; any single letter or number representing industrial standard process connections

h = process connection/high pressure side/material, any single letter or number representing industrial standard process connections

i = fill media, any single letter or number

k = Options:

E (SIL, not verified by FM), M (overvoltage protection), N (HistoROM), S (marine approval), or any single letter or number representing non safety relevant options.

l = Additional options:

E (SIL, not verified by FM), G(separated housing), M(overvoltage protection), N (HistoROM), S (marine approval), or any single letter or number representing non safety relevant options.

+ optional additional ordercode (maybe choosed or not):

m = application package; any dual letter or number (e.g. setup software)

n = Service; any dual letter or number

o = Test, Certificate; any dual letter or number

p = additional approval; L8: EAC marking (not FM verified) or any dual letter or number representing non safety relevant options

q = Design; Temperature isolator; any dual letter or number

r = accessory, mounted; none

s = accessory, enclosed; any dual letter or number

t = Flexible capillary armouring; plastic coating; any dual letter or number

u = alternative process connection LP-side; any dual letter or number representing standard industrial process connections

v = alternative cover seal, any dual letter or number

w = firmware version; any dual letter or number

x = Marking, Tagging; any dual letter or number

y = Marking, Tagging; any single letter or number

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Deltabar-S FMD78-abcdefghijkl +lmnopqrstuvw. Pressure Transmitter.

a = S, Q, or R representing approval.

S: FM IS Cl. I, II, III, Div. 1 ABCDEFG, NI Cl. I Div. 2 ABCD, DIP Cl. II, Div. 1 EFG, Cl. III

Q: FM DIP Cl. II, III, Div. 1 EFG

R: FM NI Cl. I, Div. 2, ABCD

b = Electronic/Communication/Display A, B, C, D, E, F, M, N, O, P, Q or R.

A: 4..20 mA, HART with display, ext. pushbuttons

B: 4..20 mA, HART with display

C: 4..20 mA, HART

D: 4..20 mA, HART with display, ext. pushbuttons (Li = 0)

E: 4..20 mA, HART with display (Li = 0)

F: 4..20 mA, HART (Li = 0)

M: PROFIBUS PA, with display, ext. pushbuttons

N: PROFIBUS PA, with display

O: PROFIBUS PA

P: FOUNDATION FIELDBUS, with display, ext. pushbuttons

Q: FOUNDATION FIELDBUS, with display

R: FOUNDATION FIELDBUS

c = Enclosure, aluminum or stainless steel housing with different cable entries or connectors, any single letter or number.

d = Pressure sensor, range up to 160 bar static pressure, any dual letter or number combination.

e = Calibration, units; any single letter or number.

f = Material of diaphragm, any single letter or number.

g = Process connection/low and high pressure side/material/seal; any dual letter or number combination representing industrial standard process connections.

h = Fill media, length of capillary, any single letter or number.

i = Options:

E (SIL, not verified by FM), M (overvoltage protection), N (HistoROM), S (marine approval), or any single letter or number representing non safety relevant options.

k = Additional options:

E (SIL, not verified by FM), G(separated housing), M(overvoltage protection), N (HistoROM), S (marine approval), or any single letter or number representing non safety relevant options

+ optional additional ordercode (maybe choosed or not):

l = application package; any dual letter or number (e.g. setup software)

m = Service; any dual letter or number

n = Test, Certificate; any dual letter or number

o = additional approval; L8: EAC marking (not FM verified) or any dual letter or number representing non safety relevant options

p = accessory, mounted; none

q = accessory, enclosed; any dual letter or number

r = Flexible capillary armouring; plastic coating; any dual letter or number

s = alternative process connection LP-side; any dual letter or number representing standard industrial process connections

t = alternative cover seal, any dual letter or number

u = firmware version; any dual letter or number

v = Marking, Tagging; any dual letter or number

w = Marking, Tagging; any single letter or number

Deltapilot-S FMB70-abcdefghijkl +lmnopqrstu. Pressure Transmitter.

a = E, S, Q, or R representing approval.

E: FM / CSA IS Cl. I Div. 1 ABCD DIP Cl. II EFG Cl. III / ATEX II 1/2 GD EEx ia IIC T6

S: FM IS Cl. I, II, III, Div. 1 ABCDEFG, NI Cl. I Div. 2 ABCD, DIP Cl. II Div. 1 EFG, Cl. III

Q: FM DIP Cl. II, III, Div. 1 EFG

R: FM NI Cl. I, Div. 2, ABCD

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b = Electronic/Communication/Display A, B, C, D, E, F, M, N, O, P, Q, or R.

A: 4..20 mA, HART with display, ext. pushbuttons

B: 4..20 mA, HART with display

C: 4..20 mA, HART

D: 4..20 mA, HART with display, ext. pushbuttons (Li = 0)

E: 4..20 mA, HART with display (Li = 0)

F: 4..20 mA, HART (Li = 0)

M: PROFIBUS PA, with display, ext. pushbuttons

N: PROFIBUS PA, with display

O: PROFIBUS PA

P: FOUNDATION FIELDBUS, with display, ext. pushbuttons

Q: FOUNDATION FIELDBUS, with display

R: FOUNDATION FIELDBUS

c = Enclosure, aluminum or stainless steel housing with different cable entries or connectors, any single letter or number.

d = pressure sensor, pressure ranges up to 10 bar: any number or letter.

e = calibration, units: Not safety relevant.

f = material of diaphragm, Not safety relevant.

g = process connection/material: Not safety relevant

h = fill media: Not safety relevant.

i = options: E (SIL, not verified by FM), F (NSF approval), M (overvoltage protection), N (HistoROM), S (marine approval), or any single letter or number representing non safety relevant options.

k = additional options: E (SIL, not verified by FM), F (NSF approval), G(separated housing), M (overvoltage protection), N (HistoROM), S (marine approval), or any single letter or number representing non safety relevant options

+ optional additional ordercode (maybe choosed or not):

l = application package; any dual letter or number (e.g. setup software)

m = Service; any dual letter or number

n = Test, Certificate; any dual letter or number

o = additional approval; LW: CoC ASME BPE, L8: EAC marking (not FM verified) or any dual letter or number combination representing non safety relevant options

p = accessory, mounted; manifold; any dual letter or number

q = accessory, enclosed; any dual letter or number

r = alternative cover seal, any dual letter or number

s = firmware version; any dual letter or number

t = Marking, Tagging; any dual letter or number

u = Marking, Tagging; any single letter or number

13. **Specific Conditions of Use:**

For installation instructions and the Temperature Class (*), which applies to specific Models, ambient temperature (Ta), and process medium temperature (Tmed), refer to Control Drawing.

14. **Test and Assessment Procedure and Conditions:**

This Certificate has been issued in accordance with FM Approvals US Certification Requirements.

15. **Schedule Drawings**

A copy of the technical documentation has been kept by FM Approvals.

THIS CERTIFICATE MAY ONLY BE REPRODUCED IN ITS ENTIRETY AND WITHOUT CHANGE

FM Approvals LLC. 1151 Boston-Providence Turnpike, Norwood, MA 02062 USA

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SCHEDULE



US Certificate Of Conformity No: FM16US0360X

16. Certificate History

Details of the supplements to this certificate are described below:

Date	Description
16 th January 2004	Original Issue.
7 th December 2016	Supplement 8: Report Reference: – 3060243 dated 7 th December 2016 Description of the Change: Update the model coding options, remove older models, and approving new pressure sensor ASIC and support circuitry.
25 th January 2017	Supplement 9: Report Reference: – RR207930 dated 25 th January 2017 Description of the Change: Update the Certificate Equipment and Description sections to include the Deltapilot-S. Corrected other typographical errors.

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