

FM Approvals  
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# CERTIFICATE OF COMPLIANCE

## HAZARDOUS (CLASSIFIED) LOCATION ELECTRICAL EQUIPMENT

This certificate is issued for the following equipment:

**VEGAPULS PS64(\*)*.a-b-c-de-f-g-h-i-j-k-l-m-(\*)*(\*)**. Level Transmitter

DIP / II, III / 1 / EFG / T6 Ta = -40°C to +60°C;

Type 4X/6P; IP66/68; Dual Seal\*\*

a = certification: F

b = approval: R

c = antenna / material: B, D, U, G

de = process fitting / material: two-digit alphanumeric code for industry recognized type connection with suitable pressure ratings and any type which complies with appropriate international or national standards  
f = seal / process temperature: A, B, C, D, E, F, G, H, I, J, K, L, M, N, P, Q or one letter code for seal suitable for application including given process temperature

g = electronics: H

h = additional electronics: X

i = housing / protection: A, H, D, S, V, W

j = cable entry / connection: D, 1, N, Q

k = display / adjustment module PLICSCOM: A, B, X

l = additional equipment: V, X

m = certificates: M, X

*\*Optional alphanumeric character not relevant to safety*

*\*\*Dual Seal rating only available for housing / protection D, S, W*

**VEGAPULS PS69(\*)*.a-b-c-de-f-g-h-i-j-k-l-m-(\*)*(\*)**. Level Transmitter

DIP / II, III / 1 / EFG / T6 Ta = -40°C to +60°C;

Type 4X/6P\*\*; IP66/67/68\*\*; Dual Seal\*\*\*

a = certification: F

b = approval: R

c = antenna / material: B, C

de = process fitting / material: two-digit alphanumeric code for industry recognized type connection with suitable pressure ratings and any type which complies with appropriate international or national standards  
f = seal / process temperature: A, B, C, D, E, F, or one letter code for seal suitable for application including given process temperature

g = electronics: H, B, I, P, F, U

h = additional electronics: X, Z

i = housing / protection: A, H, D, S, V, W

j = cable entry / connection: D, 1, N, Q

k = display / adjustment module PLICSCOM: A, B, X

l = additional equipment: R, V, X

m = certificates: M, X

*\*Optional alphanumeric character not relevant to hazardous location ratings nor safety*

*\*\*Type 6P and IP68 rating not available with electronics B*

*\*\*\*Dual Seal rating only available for housing / protection D, S or W*

To verify the availability of the Approved product, please refer to [www.approvalguide.com](http://www.approvalguide.com)  
FM Approvals HLC 5/13 3054428

**VEGAPULS PS64(\*)*.a-b-c-de-f-g-h-i-j-k-l-m-(\*)*. Level Transmitter**

XP / I / 1 / ABCD / T6 Ta = -40°C to +60°C;

DIP / II, III / 1 / EFG / T6 Ta = -40°C to +60°C;

Type 4X/6P; IP66/68;

a = certification: F

b = approval: E, Q

c = antenna / material: D, U, G

de = process fitting / material: two-digit alphanumeric code for industry recognized type connection with suitable pressure ratings and any type which complies with appropriate international or national standards

f = seal / process temperature: A, B, C, D, E, F, G, H, I, J, K, L, M, N, P, Q or one letter code for seal

suitable for application including given process temperature

g = electronics: H

h = additional electronics: X

i = housing / protection: A, H, D, S, V, W

j = cable entry / connection: D, 1, N, Q

k = display / adjustment module PLICSCOM: A, B, X

l = additional equipment: V, X

m = certificates: M, X

*\*Optional alphanumeric character not relevant to safety*

**VEGAPULS PS69(\*)*.a-b-c-de-f-g-h-i-j-k-l-m-(\*)*. Level Transmitter**

XP / I / 1 / ABCD / T6 Ta = -40°C to +60°C;

DIP / II, III / 1 / EFG / T6 Ta = -40°C to +60°C;

Type 4X/6P\*\*; IP66/67/68\*\*;

a = certification: F

b = approval: E

c = antenna / material: B, C

de = process fitting / material: two-digit alphanumeric code for industry recognized type connection with suitable pressure ratings and any type which complies with appropriate international or national standards

f = seal / process temperature: B, C, D, E or one letter code for seal suitable for application including given process temperature

g = electronics: H, B, I, U, P, F

h = additional electronics: X, Z

i = housing / protection: A, H, D, S, V, W

j = cable entry / connection: D, 1, N, Q

k = display / adjustment module PLICSCOM: A, B, X

l = additional equipment: R, V, X

m = certificates: M, X

*\*Optional alphanumeric character not relevant to safety*

*\*\*Type 6P and IP68 rating not available with electronics B*

## Equipment Ratings:

Explosionproof equipment for use in Class I, Division 1, Groups A, B, C and D; Dust-ignitionproof equipment for use in Class II, Division 1, Groups E, F and G; Class III, Division 1, hazardous (classified) locations, indoor and outdoor Type 4X/6P and IP66/67/68, Dual Seal.

## FM Approved for:

Vega Grieshaber KG  
Schiltach, Germany



This certifies that the equipment described has been found to comply with the following Approval Standards and other documents:

Class 3600	2011
Class 3615	2006
Class 3616	2011
Class 3810	2005
ANSI/NEMA 250	2008
ANSI/IEC 60529	2004
ANSI/ISA 61010-1	2012
ANSI/ISA 12.27.01	2011

Original Project ID: 3054428

Approval Granted: July 17, 2015

Subsequent Revision Reports / Date Approval Amended

Report Number	Date	Report Number	Date
3057311	February 29, 2016		

FM Approvals LLC

J.E. Marquedant  
Manager of Electrical Systems

29 February 2016

Date

