Certificate of Compliance

Certificate:	70215798	**Master Contract:**	153857
Project:	80308744	**Date Issued:**	2026-09-11
Issued to:	**Vega Grieshaber KG** **Am Hohenstein 113** **Schiltach, Baden-Württemberg** **77761** **Germany** **Attention:** Jochen Schwendemann	**Issued by:**	*Awais Hameed* Awais Hameed

The products listed below are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US' for Canada and US or with adjacent indicator 'US' for US only or without either indicator for Canada only.

C US

US

PRODUCTS

Class 2252 06 PROCESS CONTROL EQUIPMENT - Process Control Equipment
Class 2252 86 PROCESS CONTROL EQUIPMENT - Certified to US Standards

VEGABAR 80 Series Pressure Transmitter

Model (s) : VEGABAR 81, VEGABAR 82, VEGABAR 83, VEGABAR 86, VEGABAR 87

Versions 4…20mA or 4…20mA / HART or 4…20mA / HART with SIL qualification, 9.6...35V dc or 16…35V dc (with illuminated display and adjustment module) or 12 … 35 V dc with connected VEGABAR 80 with electronics S or T; Enclosure Type 6P, IP66/68 (0.2 bar) or IP 66/68 (1 bar); Ambient temperature range -40ºC to +80ºC (standard version); Overvoltage Category I.

…ns Foundation Fieldbus or Profibus PA, 9...32V dc or 13.5…32V dc (with illuminated display and adjustment module) or 12 …

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32 V dc with connected VEGABAR 80 with electronics S; 10.5mA max.; Enclosure Type 6P, IP66/68 (0.2 bar) or IP 66/68 (1 bar); Ambient temperature range -40ºC to +80ºC (standard version); Overvoltage Category I.

Version Modbus, 8...30V dc, 500mW max.; Enclosure Type 6P, IP66/68 (0.2 bar) or IP 66/68 (1 bar); Ambient temperature range -40ºC to +80ºC (standard version); Overvoltage Category I.

Version with 2-wire barrier (Supplementary Electronics PLICSZEBH), 15 … 35 V dc; Enclosure Type 6P, IP66/68 (0.2 bar) or IP 66/68 (1 bar); Ambient temperature range -40ºC to +80ºC (standard version); Overvoltage Category I.

Optional heating for all models, supplied at 24Vdc (+5%), 1.7 W

Notes:
1. Environmental Conditions: Altitude 5000 m max.

Nomenclature:

Model VEGABAR 81 - a81(b).cdefghi(j)klmnoprs

a = Electable parameter depending on the customer, options not affecting safety, one digit alphanumeric variable referring to non-electrical properties
b = Optional electable parameter for internal information, options not affecting safety, one digit alphanumeric variable referring to non-electrical properties
c = Scope: C, F or V
d = Approval: X or M
ef = Process Fitting/Material: Two digit alphanumeric variable for connections, which represents a Thread, TRI- CLAMP, DN or ASME industry type flange with pressure ratings and any type which comply with an international or national standard.
g = Isolating liquid/Process temperature: One digit variable for included isolating fluid, which represents type and temperature limits of the fluid.
h= Diaphragm material: One digit variable designating the material type of the diaphragm
i = Pressure: One digit variable designating type of pressure measurement needed such as absolute or relative
j = Measuring range: One digit variable designating the allowable measurement range of the pressure cell
k = Accuracy class: One digit variable designating the accuracy of the instrument
l = Electronics: Z, H, A, P, F, U, S or T
m = Supplementary Electronics: X or Z
n = Housing: A, D, V, 8, W
o= Housing version/protection: I, P, N, A, S, K, L, M or D
p = Cable Entry/Connection: M, S, T, K, U, V, L, O, D, Q, 1, 2, 6, N, J, 8, P, C, B, I, F, G, H, W or Z
r = Indicating/Adjustment Module PLICSCOM 4: A, B, H, K, L, F or X
s= Additional certificates, tests and options: The feature describes certificates required by the customer, additional tests, and further options.
Additional options:
a) pressure transmitter fluids:
-Silicone oil
-High temperature oil

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- Halocarbon oil
- Medical white oil
- Neobee M-20
- PRICERINE 9098
- Glycerine filling medium KN7

b) Device settings and location designation

Model VEGABAR 82 - a82(b).cdefghi(j)klmnoprs

a = Electable parameter depending on the customer, options not affecting safety, one digit alphanumeric variable referring to non-electrical properties
b = Optional electable parameter for internal information, options not affecting safety, one digit alphanumeric variable referring to non-electrical properties
c = Scope: C, F or V
d = Approval: X or M
ef = Process Fitting/Material: Two digit alphanumeric variable for connections, which represents a Thread, TRI- CLAMP, DN or ASME industry type flange with pressure ratings and any type which comply with an international or national standard.
g = Sealing concept: S, D or F
h = Measuring cell seal/Process temperature: One digit variable designating the measuring cell seal type and the allowed process temperature range
i = Pressure: One digit variable designating type of pressure measurement needed such as absolute or relative or relative climate compensated
j = Measuring range: One digit variable designating the allowable measurement range of the pressure cell
k = Accuracy class: One digit variable designating the accuracy of the instrument
l = Electronics: Z, H, A, P, F, U, S or T
m = Supplementary Electronics: X or Z
n = Housing: A, D, V, 8, W
o = Housing version/protection: I, P, N, A, S, K, L, M, D, C, or T
p = Cable Entry/Connection: M, S, T, K, U, V, L, O, D, Q, 1, 2, 6, N, J, 8, P, C, B, I, F, G, H, W or Z
r = Indicating/Adjustment Module PLICSCOM 4: A, B, H, K, L, F or X
s = Additional certificates, tests and options: The feature describes certificates required by the customer, additional tests, and further options.
Additional options:
a) pressure transmitter fluids:
-Silicone oil
-High temperature oil
- Halocarbon oil
- Medical white oil
- Neobee M-20
- PRICERINE 9098
- Glycerine filling medium KN7

b) Device settings and location designation

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Model VEGABAR 83 - a83(b).cdefghi(j)klmnopr

a = Electable parameter depending on the customer, options not affecting safety, one digit alphanumeric variable referring to non-electrical properties
b = Optional electable parameter for internal information, options not affecting safety, one digit alphanumeric variable referring to non-electrical properties
c = Scope: C, F or V
d = Approval: X or M
ef = Process Fitting/Material: Two digit alphanumeric variable for connections, which represents a Thread, TRI- CLAMP, DN or ASME industry type flange with pressure ratings and any type which comply with an international or national standard.
g = Process temperature/Seal: S, 1, 3, P, 5, E, A, C, Q, F, N, H or T
h = Pressure: One digit variable designating type of pressure measurement needed such as absolute or relative or relative climate compensated
i = Measuring range: One digit variable designating the allowable measurement range of the pressure cell
j = Accuracy class: One digit variable designating the accuracy of the instrument
k = Electronics: Z, H, A, P, F, U, S or T
l = Supplementary Electronics: X or Z
m = Housing: A, D, V, 8, W
n = Housing version/protection: I, P, N, A, S, K, L, M or D
o = Cable Entry/Connection: M, S, T, K, U, V, L, O, D, Q, 1, 2, 6, N, J, 8, P, C, B, I, F, G, H, W or Z
p = Indicating/Adjustment Module PLICSCOM 4: A, B, H, K, L, F or X
r = Additional certificates, tests and options: The feature describes certificates required by the customer, additional tests, and further options.
Additional options:
a) pressure transmitter fluids:
-Silicone oil
-High temperature oil
- Halocarbon oil
- Medical white oil
- Neobee M-20
- PRICERINE 9098
- Glycerine filling medium KN7

b) Device settings and location designation

Model VEGABAR 86 - a86(b).cdefghi(j)klmnoprs

a = Electable parameter depending on the customer, options not affecting safety, one digit alphanumeric variable referring to non-electrical properties
b = Optional electable parameter for internal information, options not affecting safety, one digit alphanumeric variable referring to non-electrical properties
c = Scope: C, F or V
d = Approval: X or M
e = Version/Process temperature: A, B, C or D
fg = Process Fitting/Material: Two digit alphanumeric variable for connections, which represents a Thread, TRI- CLAMP, DN or

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ASME industry type flange with pressure ratings and any type which comply with an international or national standard.
h = Transmitter options: One digit variable designating the transmitter type/material
i = Sealing concept/Measuring cell seal: A, F, H, D or J
j = Pressure: One digit variable designating type of pressure measurement needed such as absolute or relative or relative climate compensated
k = Measuring range: One digit variable designating the allowable measurement range of the pressure cell
l = Electronics: Z, H, A, P, F, U, S or T
m = Supplementary Electronics: X or Z
n = Housing: A, D, V, 8, W
o = Housing version/protection: I, P, N, A, S, K, M, L, T, D or 9
p = Cable Entry/Connection: M, S, T, K, U, V, L, O, D, Q, 1, 2, 6, N, J, 8, P, C, B, I, F, G, H, W or Z
r = Indicating/Adjustment Module PLICSCOM 4: A, B, H, K, L, F or X
s = Additional certificates, tests and options: The feature describes certificates required by the customer, additional tests, and further options.
Additional options:
a) pressure transmitter fluids:
-Silicone oil
-High temperature oil
- Halocarbon oil
- Medical white oil
- Neobee M-20
- PRICERINE 9098
- Glycerine filling medium KN7

b) Device settings and location designation

Model VEGABAR 87 - a87(b).cdefghi(j)klmnoprs

a = Electable parameter depending on the customer, options not affecting safety, one digit alphanumeric variable referring to non-electrical properties
b = Optional electable parameter for internal information, options not affecting safety, one digit alphanumeric variable referring to non-electrical properties
c = Scope: C, F or V
d = Approval: X or M
e = Version/Process temperature: B or D
fg = Process Fitting/Material: Two digit alphanumeric variable for connections, which represents a Thread, TRI- CLAMP, DN or ASME industry type flange with pressure ratings and any type which comply with an international or national standard.
h = Transmitter options: One digit variable designating the transmitter type/material
i = Pressure: One digit variable designating type of pressure measurement needed such as absolute or relative or relative climate compensated
j = Measuring range: One digit variable designating the allowable measurement range of the pressure cell
k = Accuracy class: One digit variable designating the accuracy of the instrument
l = Electronics: Z, H, A, P, F, U, S or T
m = Supplementary Electronics: X or Z
n = Housing: A, D, V, 8, W

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o = Housing version/protection: I, P, N, A, S, K, M, L, T, D or 9
p= Cable Entry/Connection: M, S, T, K, U, V, L, O, D, Q, 1, 2, 6, N, J, 8, P, C, B, I, F, G, H, W or Z
r = Indicating/Adjustment Module PLICSCOM 4: A, B, H, K, L, F or X
s = Additional certificates, tests and options: The feature describes certificates required by the customer, additional tests, and further options.
Additional options:
a) pressure transmitter fluids:
-Silicone oil
-High temperature oil
- Halocarbon oil
- Medical white oil
- Neobee M-20
- PRICERINE 9098
- Glycerine filling medium KN7

b) Device settings and location designation

Conditions of Acceptability:

1) The VEGABAR 80 Series Pressure Transmitter (Models VEGABAR 81, 82, 83, 86, 87) shall be supplied only by a Class 2 or Limited Energy Source in accordance with CSA/UL 61010-1-12.

APPLICABLE REQUIREMENTS

Standards Used	Description
CAN/CSA C22.2 No. 61010-1-12, UPD1:2015, UPD2:2016, AMD1:2018, UPD3:2023, UPD4:2024	Safety requirements for electrical equipment for measurement, control, and laboratory use — Part 1: General requirements - Third Edition
UL 61010-1 3rd ed (Rev. Nov 15, 2024)	UL Standard for Safety Requirements for Electrical Equipment For Measurement, Control, and Laboratory Use; Part 1: General Requirements

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Certificate: 70215798 **Master Contract**: 153857

Project: 80308744 **Date Issued**: 2026-09-11

Notes:

Products certified under Class(es) C225206, C225286 have been certified under CSA's ISO/IEC 17065 accreditation with the Standards Council of Canada (SCC). www.scc.ca

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Supplement to Certificate of Compliance

Certificate: 70215798 **Master Contract:** 153857

The products listed, including the latest revision described below, are eligible to be marked in accordance with the referenced Certificate.

Product Certification History

Project	Date	Description
80308744	2026-09-11	Update to Report 70215798 for addition of type codes and update of CAN/CSA C22.2 No. 61010-1-12 and UL 61010-1, 3rd Edition (May 11, 2012) to latest editions of CAN/CSA C22.2 No. 61010-1-12, UPD1:2015, UPD2:2016, AMD1:2018, UPD3:2023, UPD4:2024 and UL 61010-1 3rd ed (Rev. Nov 15, 2024).
80288671	2026-02-18	Update of cCSAus Certificate 70215798 Rev. 80190821 of Pressure Transmitter VEGABAR 80 Series, add PLICSCOM4 to the report without additional testing.
80190821	2024-07-31	Update to Report 70215798 to add enclosure ratings based on FM report.
70215798	2019-03-21	Update report to cover an alternate construction.

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