



Safety Instructions VEGACAP Serie 60

1842346 (LR108043)

GE 3094



Document ID: 34429



VEGA



Certificate of Compliance

Certificate:	1842346 (LR 108043)	Master Contract:	153857
Project:	70007260	Date Issued:	August 17, 2015
Issued to:	Vega Grieshaber KG Am Hohenstein 113 Schiltach, 77761 Germany Attention: Nick Ilchovski		

The products listed below are eligible to bear the CSA Mark shown



Siros Ghanbarzadeh
Issued by: Siros Ghanbarzadeh

PRODUCTS

- CLASS 2258 04** - PROCESS CONTROL EQUIPMENT - Intrinsically Safe, Entity - For Hazardous Locations
- CLASS 2258 02** - PROCESS CONTROL EQUIPMENT - For Hazardous Locations

Ex ia IIC:

Class I, Division 1, Groups A, B, C and D; Class II, Division 1, Groups E, F and G; Class III:

Model VEGA CAP6a.KFbcZde Level Measuring Equipment with Entity Parameters $V_{max} = 36V$, $I_{max} = 13\text{ mA}$, $P_i = 0.667W$, $C_i = 0$ and $L_i = 0$; Maximum Working Pressure 64bar (928psig); T6 at 70°C, T5 at 80°C ambient; Intrinsically safe when installed per control drawing B-GE2277.

Notes:

- a = Configuration: 2
- b = Version/Temperature range: A, B, C or D
- c = Process Connection: Two digit alphanumeric variable for connections, which represents a LA, NPT, G, TRI-CLAMP, DN or ASME industry type flange with pressure ratings
- d = Housing: A, K, V or 8 (6P rating for housing option K, V or 8 only)
- e = Cable Entry: N or M



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Model VEGA CAP6a.KFbcZde Level Measuring Equipment with Entity Parameters $V_{max} = 36V$, $I_{max} = 131mA$, $P_i = 0.667W$, $C_i = 0$ and $L_i = 0$; Maximum Working Pressure 64bar (928psig); T6 at 70°C, T5 at 80°C ambient; Intrinsically safe when installed per control drawing B-GE2277.

Notes:

a = Configuration: 3 or 4

b = Version/Temperature range: E (only available in configuration option 3), F, G, H, I or J

c = Process Connection: Two digit alphanumeric variable for connections, which represents a LA, NPT, G, TRI-CLAMP, DN or ASME industry type flange with pressure ratings

d = Housing: A, K, V or 8 (6P rating for housing option K, V or 8 only)

e = Cable Entry: N or M

Model VEGA CAP6a.KFbcZde Level Measuring Equipment with Entity Parameters $V_{max} = 36V$, $I_{max} = 131mA$, $P_i = 0.667W$, $C_i = 0$ and $L_i = 0$; Maximum Working Pressure 64bar (928psig); T6 at 70°C, T5 at 80°C ambient; Intrinsically safe when installed per control drawing B-GE2277.

Notes:

a = Configuration: 5

b = Version/Temperature range: K, L, M, S, U, V, W or T

c = Process Connection: Two digit alphanumeric variable for connections, which represents a LA, NPT, G, TRI-CLAMP, DN or ASME industry type flange with pressure ratings

d = Housing: A, K, V or 8 (6P rating for housing option K, V or 8 only)

e = Cable Entry: N or M

Model VEGA CAP6a.KFbcZde Level Measuring Equipment with Entity Parameters $V_{max} = 36V$, $I_{max} = 131mA$, $P_i = 0.667W$, $C_i = 0$ and $L_i = 0$; Maximum Working Pressure 40bar (580psig); T6 at 70°C, T5 at 80°C ambient; Intrinsically safe when installed per control drawing B-GE2277.

Notes:

a = Configuration: 6

b = Version/Temperature range: N, 3

c = Process Connection: Two digit alphanumeric variable for connections, which represents a LA, NPT, G, TRI-CLAMP, DN or ASME industry type flange with pressure ratings

d = Housing: A, K, V or 8 (6P rating for housing option K, V or 8 only)

e = Cable Entry: N or M



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CLASS 2258 02 - PROCESS CONTROL EQUIPMENT - For Hazardous Locations

Class I, Division 2, Groups A, B, C and D

Model VEGA CAP 6a.KXbdef Level Measuring Equipment, contactless rated 20...253V ac/dc, relay rated 20...253Vac, 5A, transistor rated 10...55VDC, two-wire rated 10...36Vdc; Maximum Working Pressure 64bar (928psig); T6 at 70°C, T5 at 80°C ambient.

Notes:

a = Configuration: 2

b = Version/Temperature range: A, B, C or D

c = Process Connection: Two digit alphanumeric variable for connections, which represents a LA, NPT, G, TRI-CLAMP, DN or ASME industry type flange with pressure ratings

d = Electronics: C, R, T, or Z

e = Housing: A, K, V or 8 (6P rating for housing option K, V or 8 only)

f = Cable Entry: N or M

Model VEGA CAP6a. KXbdef Level Measuring Equipment, contactless rated 20...253V ac/dc, relay rated 20...253Vac, 5A, transistor rated 10...55VDC, two-wire rated 10...36Vdc; Maximum Working Pressure 64bar (928psig); T6 at 70°C, T5 at 80°C ambient.

Notes:

a = Configuration: 3 or 4

b = Version/Temperature range: E (only available in configuration option 3), F, G, H, I or J

c = Process Connection: Two digit alphanumeric variable for connections, which represents a LA, NPT, G, TRI-CLAMP, DN or ASME industry type flange with pressure ratings

d = Electronics: C, R, T, or Z

e = Housing: A, K, V or 8 (6P rating for housing option K, V or 8 only)

f = Cable Entry: N or M

Model VEGA CAP6a. KXbdef Level Measuring Equipment, contactless rated 20...253V ac/dc, relay rated 20...253Vac, 5A, transistor rated 10...55VDC, two-wire rated 10...36Vdc; Maximum Working Pressure 64bar (928psig); T6 at 70°C, T5 at 80°C ambient.



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Notes:

a = Configuration: 5

b = Version/Temperature range: K, L, M, S, U, V, W or T

c = Process Connection: Two digit alphanumeric variable for connections, which represents a LA, NPT, G, TRI-CLAMP, DN or ASME industry type flange with pressure ratings

d = Electronics: C, R, T, or Z

e = Housing: A, K, V or 8 (6P rating for housing option K, V or 8 only)

f = Cable Entry: N or M

Model VEGA CAP6a. KXbcdef Level Measuring Equipment, contactless rated 20...253V ac/dc, relay rated 20...253Vac. 5A, transistor rated 10...55VDC, two-wire rated 10...36Vdc; Maximum Working Pressure 40bar (580psig); T6 at 70°C, T5 at 80°C ambient.

Notes:

a = Configuration: 6

b = Version/Temperature range: N, 3

c = Process Connection: Two digit alphanumeric variable for connections, which represents a LA, NPT, G, TRI-CLAMP, DN or ASME industry type flange with pressure ratings

d = Electronics: C, R, T, or Z

e = Housing: A, K, V or 8 (6P rating for housing option K, V or 8 only)

f = Cable Entry: N or M

Class II, III, Division 1, 2, Groups E, F and G indoor/outdoor (Type 4X, 6P, IP66)

Model VEGA CAP 6a.KXbcdef Level Measuring Equipment, contactless rated 20...253V ac/dc, relay rated 20...253Vac. 5A, transistor rated 10...55VDC, two-wire rated 10...36Vdc; Maximum Working Pressure 64bar (928psig); T6 at 70°C, T5 at 80°C ambient.

CP6a.KRbcdef, Level Measuring Equipment

a = Configuration: 2



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b = Version/Temperature range: A, B, C or D

c = Process Connection: Two digit alphanumeric variable for connections, which represents a LA, NPT, G, TRI-CLAMP, DN or ASME industry type flange with pressure ratings

d = Electronics: C, R, T, or Z

e = Housing: A or V

f = Cable Entry: N or M

CP6a.KRbdef, Level Measuring Equipment

a = Configuration: 3 or 4

b = Version/Temperature range: E (only available in configuration option 3), F, or G

c = Process Connection: Two digit alphanumeric variable for connections, which represents a LA, NPT, G, TRI-CLAMP, DN or ASME industry type flange with pressure ratings

d = Electronics: C, R, T, or Z

e = Housing: A or V

f = Cable Entry: N or M

CP6a.KRbdef, Level Measuring Equipment

a = Configuration: 5

b = Version/Temperature range: K, L, M, S, U, V, W, 5, 6, 7, or 8

c = Process Connection: Two digit alphanumeric variable for connections, which represents a LA, NPT, G, TRI-CLAMP, DN or ASME industry type flange with pressure ratings

d = Electronics: C, R, T, or Z

e = Housing: A or V

f = Cable Entry: N or M

CP6a.KRbdef, Level Measuring Equipment

a = Configuration: 6

b = Version/Temperature range: N

c = Process Connection: Two digit alphanumeric variable for connections, which represents a LA, NPT, G, TRI-CLAMP, DN or ASME industry type flange with pressure ratings



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d = Electronics: C, R, T, or Z

e = Housing: A or V

f = Cable Entry: N or M

c = Process Connection: Two digit alphanumeric variable for connections, which represents a LA, NPT, G, TRI-CLAMP, DN or ASME industry type flange with pressure ratings

d = Electronics: C, R, T, or Z

e = Housing: A, K (6P rating for housing option K only) or V

f = Cable Entry: N or M

CP6a.KXbcdef, Level Measuring Equipment

a = Configuration: 5

b = Version/Temperature range: K, L, M, S, U, V, W, 5, 6, 7, or 8

c = Process Connection: Two digit alphanumeric variable for connections, which represents a LA, NPT, G, TRI-CLAMP, DN or ASME industry type flange with pressure ratings

d = Electronics: C, R, T, or Z

e = Housing: A, K (6P rating for housing option K only) or V

f = Cable Entry: N or M

CP6a.KXbcdef, Level Measuring Equipment

a = Configuration: 6

b = Version/Temperature range: N

c = Process Connection: Two digit alphanumeric variable for connections, which represents a LA, NPT, G, TRI-CLAMP, DN or ASME industry type flange with pressure ratings

d = Electronics: C, R, T, or Z

e = Housing: A, K (6P rating for housing option K only) or V

f = Cable Entry: N or M



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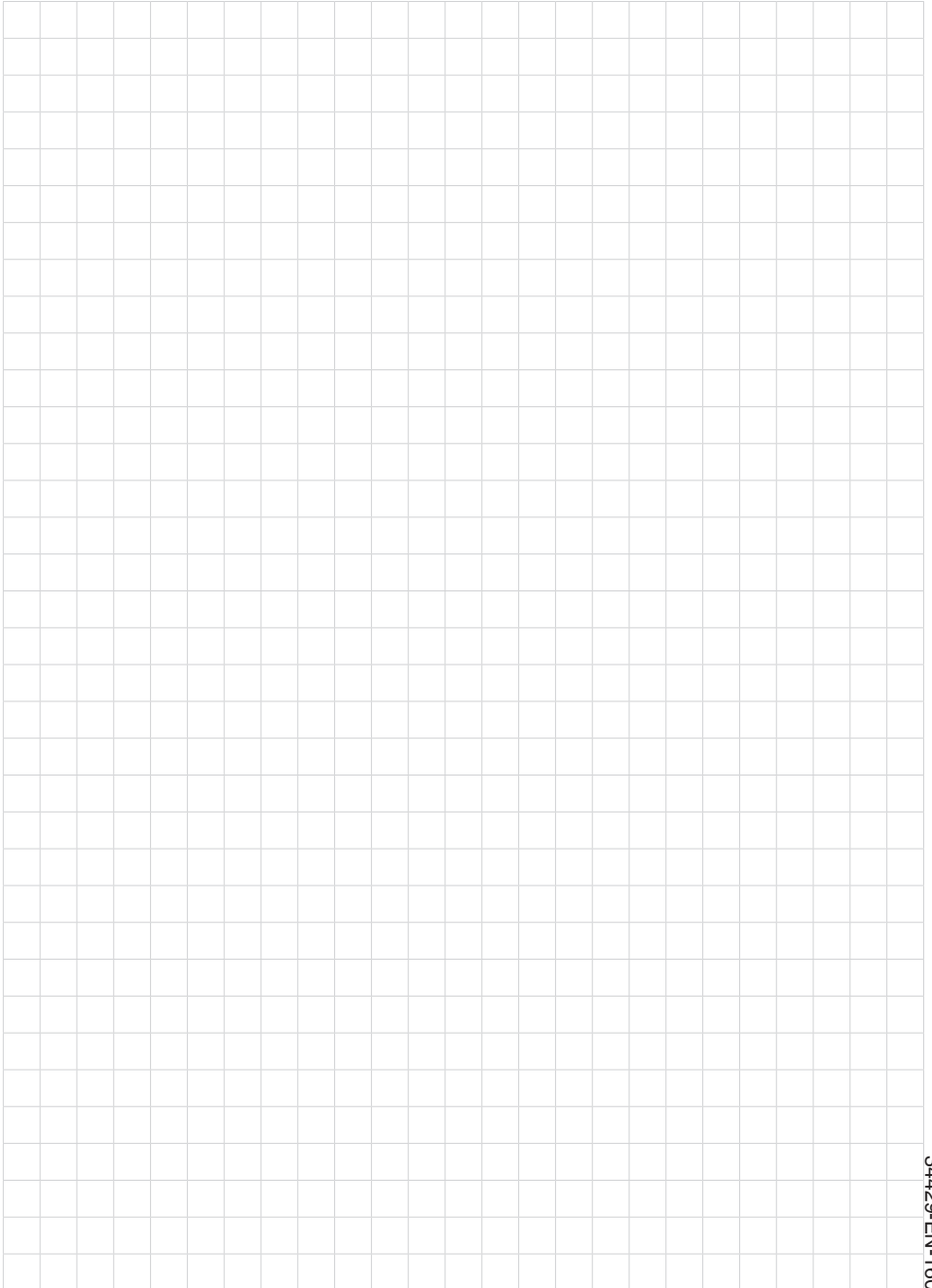
APPLICABLE REQUIREMENTS

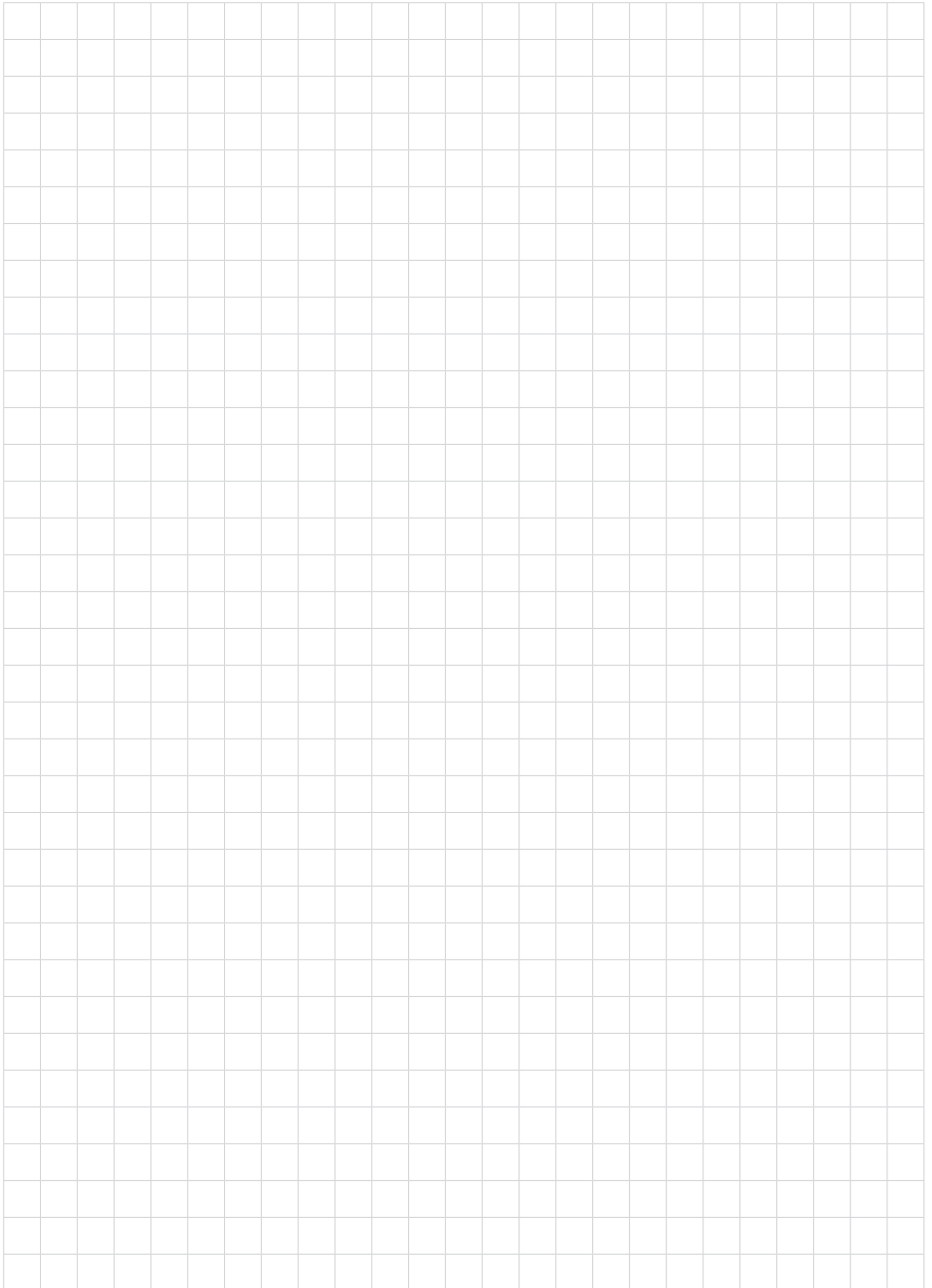
- CAN/CSA C22.2 No. 94-M91 (R2011) - Special Purpose Enclosures
- CSA STD C22.2 No. 142-M1987 (R 2014) - Process Control Equipment
- CSA STD C22.2 No. 213-M1987 (R 2013) - Non-Incendive Electrical Equipment for Use in Class I, Division 2 - Hazardous Locations
- CAN/CSA-C22.2 No. 157-92 (R 2012) - Intrinsically Safe and Non-Incendive Equipment for Use in Hazardous Locations
- CAN/CSA C22.2 No.60079-11:14 - Explosive Atmosphere – Part 11, Equipment Protection by Intrinsic Safety “i”
- CAN/CSA-C22.2 No. 60079-0:11 - Explosive Atmosphere (Part 0) – General Requirements
- IEC 60529 (2.2 Ed.): 2013 - Degrees of Protection Provided by Enclosures – (IP Code)

MARKINGS

- CSA monogram
- Company name
- CSA file number
- Model number
- Serial number
- Electrical rating
- Hazardous location designation
- Special purpose enclosure designation
- Maximum ambient
- Additional information per E60079-11: “Ex ia IIC CSA1842346”







Printing date:

VEGA

All statements concerning scope of delivery, application, practical use and operating conditions of the sensors and processing systems correspond to the information available at the time of printing.

Subject to change without prior notice

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VEGA Grieshaber KG
Am Hohenstein 113
77761 Schiltach
Germany

Phone +49 7836 50-0
Fax +49 7836 50-201
E-mail: info.de@vega.com
www.vega.com