

VEGA

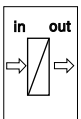
Safety Instructions

VEGAMET 624, 625.UF

VEGASCAN 693.UF



32840



Contents

1	Certificate	3
2	Installation control drawing	6
3	Wiring instructions	7
4	Coding instructions	8
5	Type plates	9

1 Certificate



Member of the FM Global Group

FM Approvals
 1151 Boston-Providence Turnpike
 P.O. Box 9102 Norwood, MA 02062 USA
 T: 781 762 4300 F: 781 762 9375 www.fmapprovals.com

CERTIFICATE OF COMPLIANCE

HAZARDOUS (CLASSIFIED) LOCATION ELECTRICAL EQUIPMENT

This certificate is issued for the following equipment:

MET 6a.UFb VEGAMET Signal Conditioner

AIS / I, II, III / ABCDEFG – Entity GE2200
 [I/0] AEx [ia] IIC – Entity GE2200
 NI / I / 2 / ABCD / T4 Ta = 60°C

Entity Parameters

Uo = 24.16V Io = 108.7mA Po = 655.3mW Ci = 0 Li = 0

a = 24 or 25
 b = X, R or E

Special conditions of Use

1. The signal conditioner shall be installed in compliance with the enclosure, mounting, spacing and segregation requirements of the ultimate application.
2. The VEGAMET shall be used with an FM Approved Plug Socket to VEGAMET624.UF or Plug Socket to VEGAMET625.UF.
3. The protective cover shall be fitted over the intrinsically safe terminals to maintain the necessary segregation between I.S. and non-I.S. terminals and wiring.
4. The programming socket shall only be used in the unclassified location or under gas free conditions

SCAN 693.UFa VEGASCAN Signal Conditioner

AIS / I, II, III / ABCDEFG – Entity GE2200
 [I/0] AEx [ia] IIC – Entity GE2200
 NI / I / 2 / ABCD / T4 Ta = 60°C

Entity Parameters

Uo = 24.16V Io = 108.7mA Po = 655.3mW Ci = 0 Li = 0

a = R or E

Special conditions of Use

1. The signal conditioner shall be installed in compliance with the enclosure, mounting, spacing and segregation requirements of the ultimate application.
2. The VEGASCAN shall be used with an FM Approved Plug Socket to VEGASCAN693.UF.
3. The protective cover shall be fitted over the intrinsically safe terminals to maintain the necessary segregation between I.S. and non-I.S. terminals and wiring.



4. *The programming socket shall only be used in the unclassified location or under gas free conditions*

Plug Socket to VEGA a 6b.UF
NI / 1 / 2/ ABCD / T4 Ta = 60°C

a = SCAN or MET
b = If a = SCAN then b = 93
If a = MET then b = 24 or 25

Equipment Ratings:

Nonincendive for use in Class I, Division 2, Groups A, B, C and D with Intrinsically Safe output
Connections for Class I, II and III, Division 1, Groups A, B, C, D, E, F and G

FM Approved for:

VEGA GRIESHABER KG
SCHILTACH, D-77757 GERMANY



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

Class 3600	1998
Class 3610	1999
Class 3611	2004
Class 3810	2005

Original Project ID: 3028084

Approval Granted: April 19, 2007

Subsequent Revision Reports / Date Approval Amended

Report Number	Date	Report Number	Date
070510	MAY 23, 2007		

FM Approvals LLC


Robert L. Martell, Jr.
Assistant Vice President

MAY 23, 2007
Date

2 Installation control drawing

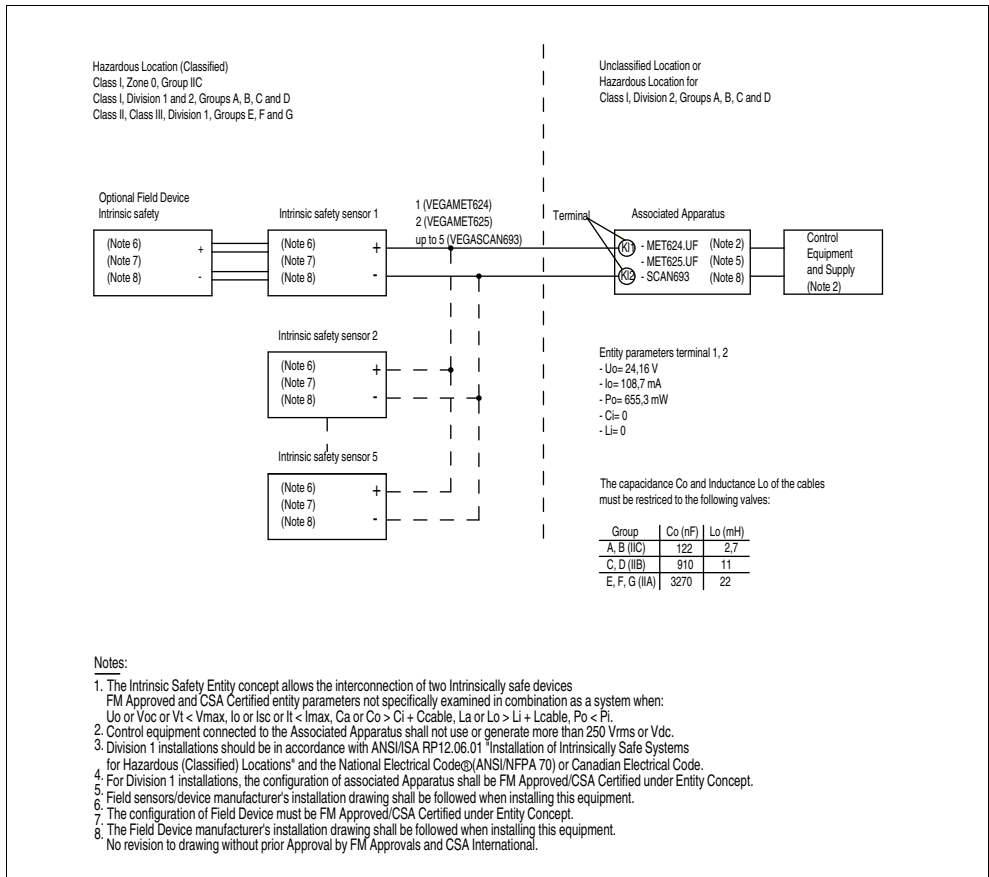


Fig. 1: Installation control drawing VEGAMET 624/625 and VEGASCAN (GE2200)

3 Wiring instructions

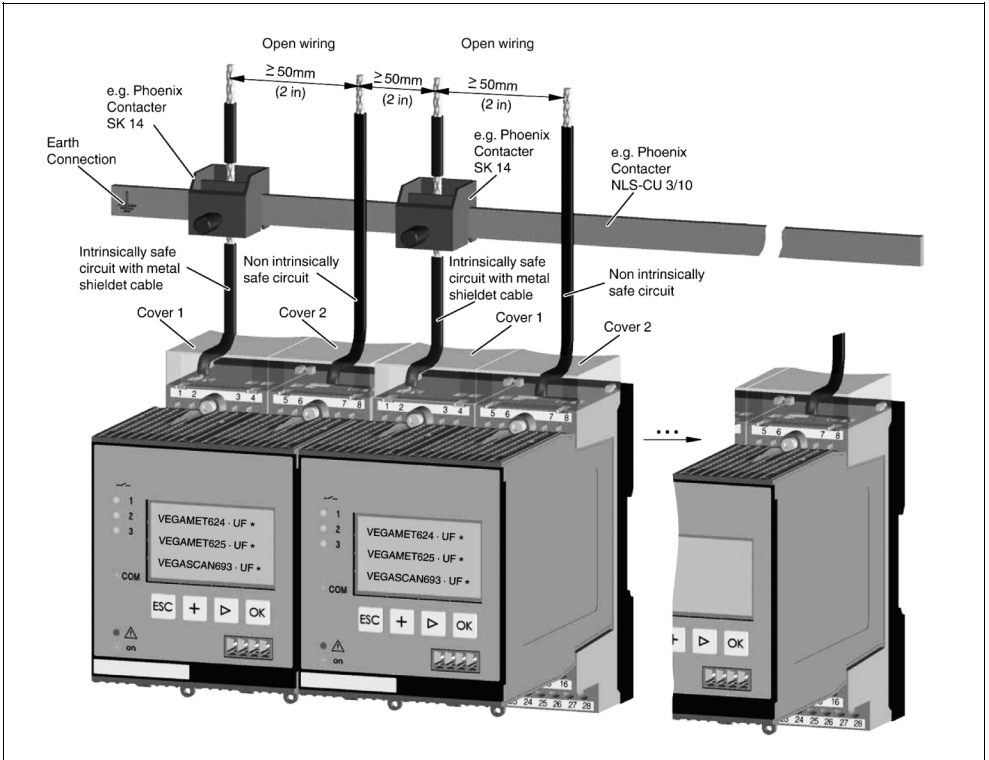
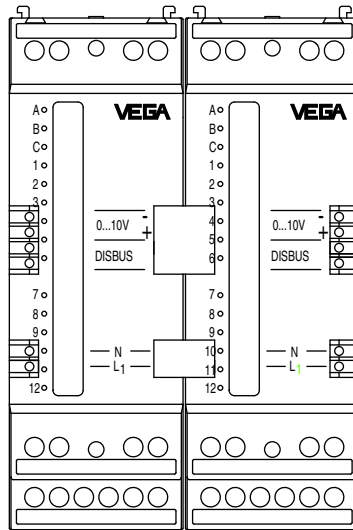


Fig. 2: Wiring instructions VEGAMET 624/625 and VEGASCAN

4 Coding instructions

Function Coding	Position	
	left	right
	A	
	B	B
Type Coding		
614		1
614V		2
STAB 691, 692		3
624, 625		4
SCAN 693		5
PLICSRADIO C62		6



Trennwand / Separation wall

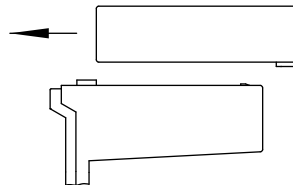
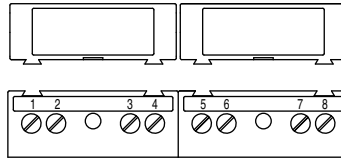


Fig. 3: Coding instructions VEGAMET 624/625 and VEGASCAN (GE2437)

5 Type plates

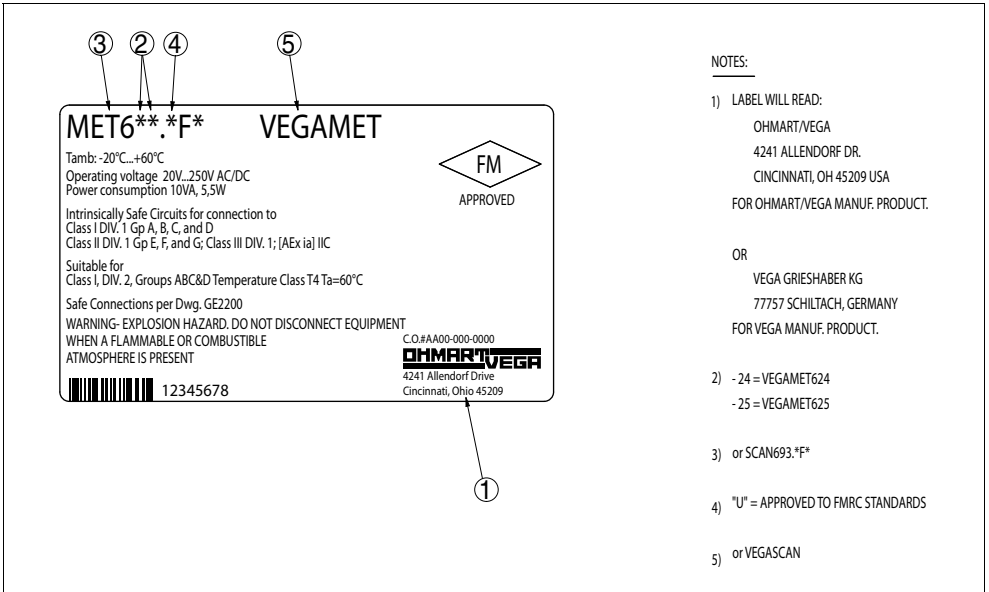


Fig. 4: Type plate VEGAMET 624/625 and VEGASCAN 693 (GE2201)

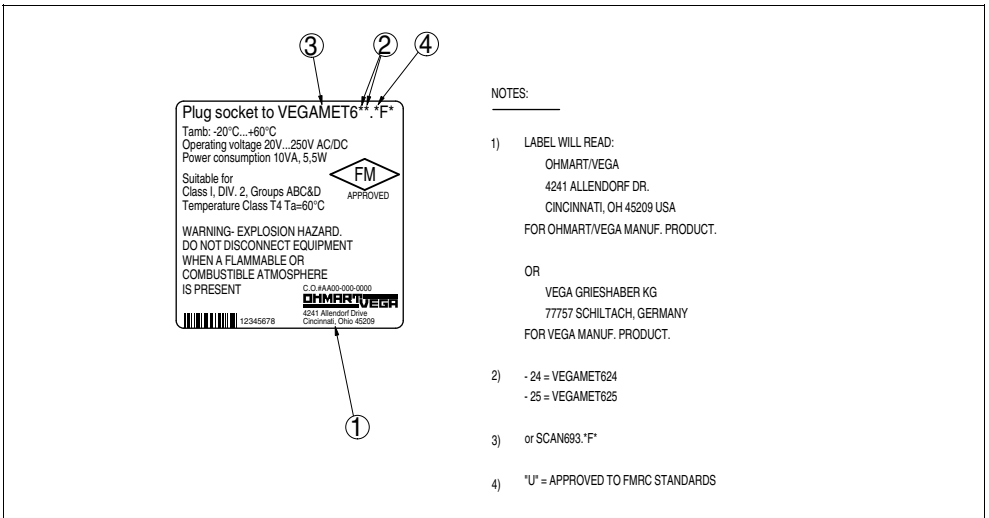


Fig. 5: Type plate plug socket to VEGAMET 624/625 and VEGASCAN 693 (GE2375)



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



© VEGA Grieshaber KG, Schiltach/Germany 2007