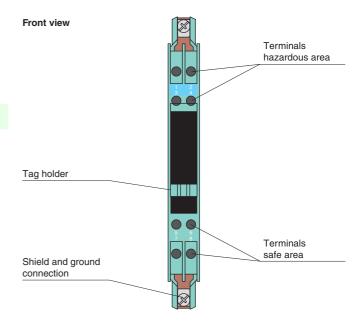
Assembly

- Features • 1-channel
- · DC version, negative polarity
- Working voltage 6.5 V at 10 μA
- Series resistance max. 56 Ω
- Fuse rating 100 mA
- DIN rail mounting

Function

The Zener Barrier prevents the transfer of unacceptably high energy from the safe area into the hazardous area.

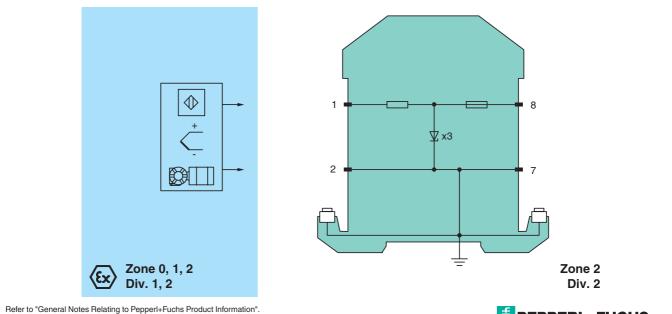
The zener diodes in the Zener Barrier are connected in the reverse direction. The breakdown voltage of the diodes is not exceeded in normal operation. If this voltage is exceeded, due to a fault in the safe area, the diodes start to conduct, causing the fuse to blow. The Zener Barrier has a negative polarity, i. e. the cathodes of the zener diodes are grounded.



CE



Connection



USA: +1 330 486 0002 pa-info@us.pepperl-fuchs.com

Germany: +49 621 776 2222 pa-info@de.pepperl-fuchs.com

Singapore: +65 6779 9091 pa-info@sg.pepperl-fuchs.com



Control specifications DC version, negative polarity Electrical specifications 50.0 Series resistance 50.0 Version / resistance 50.0 Series resistance max. 56.0 Connection terminals 1.2 Safe area connection terminals 7.8 Connection terminals 7.8 Version voltage max. 86.V, 6.5 Val 10 µA Connection terminals 7.8 Version voltage max. 75.%, voltage Ambient conditions terminals 7.9 Ambient conditions terminals 7.9 Partice voltage -2570 (r.13158 rF) Relative humidity max. 75 %, voltadu moisture condensation Mechanical specifications te26 Degree of protection te2060 °C (r.4140 °F) Connection amax. 75 %, voltadu moisture condensation Masic approx. 150 g Dimensions 12.5 x 115 x 110 mm (r.6. x 4.5 x 4.3 n) Connection terminals, eraes section 2 x 2.5 mm ² Masic approx. 150 g Outure minal Nounting rail ace. to Ro 715:2001 W	Coneval energifications	
Electrical specifications index definition in concertion Nominal resistance 50 Ω Steles resistance max. 56 Ω Fuse raing 100 mA Hazardous are connection terminals 1, 2 Stele are connection terminals 1, 2 Connection terminals 7, 8 Working voltage max. 86 V, 65 V at 10 µA Connection terminals 7, 8 Working voltage max. 86 V, 65 V at 10 µA Connection terminals 7, 8 Moting voltage max. 86 V, 65 V at 10 µA Connection terminals 7, 8 Moting voltage max. 86 V, 65 V at 10 µA Connection 2060 °C (4140 °F) Stage temperature 42.070 °C (13158 °F) Belative huminations max. 57 °, without moisture condensation Masis approx. 150 g Dimensions terminals, max. 68 °, 15 × 15 × 10 mm (0.5 × 4.5 × 4.3 m) Construction type modulat terminal huming, see system description Mousing on 35 mm DIM mounting rail acc. to EN 60715:2001 Mousing 0.950 V Stamare of	General specifications	DC version pagetive polarity
Nonial resistance 50 Ω Series resistance max. 56 Ω Fuse rating 100 mA Hazardous area connection minula 1.2 Granection terminals 1.2 Safe area connection terminals 1.3 Working voltage max. 86 V, 6.5 V at 10 µA Connection terminals 7.8 Orgene of protection terminals 7.8 Degree of protection terminals 7.8 Ambient conditions Degree of protection Machinet temperature <2060 °C (+4140 °F)		Do version, negative polarity
Series resistance max. 56 Ω Fuse rating 10 n A Haar ardus area connection terminals 1.2 Safe area connection terminals 7.8 Connection max. 8.6 V, 6.5 V at 10 µA Connection max. 8.6 V, 6.5 V at 10 µA Connection max. 8.6 V, 6.5 V at 10 µA Connection max. 8.6 V, 6.5 V at 10 µA Connection 2060 °C (-4 40 °F) Starage temperature -2060 °C (-4 40 °F) Starage temperature -2060 °C (-4 40 °F) Starage temperature -2060 °C (-4 40 °F) Degree of protection IP20 Degree of protection IP20 Connection IP20 Construction tryp modular, 58 °F) Mass approx. 150 g Dimensions C12.5 x 115 x 110 mm (0.5 x 4.5 x 4.3 in) Construction trype modular terminal housing, see system description Outsge 0, 35 m DIM mounting rail acc. to EN 60715:2001 Defined papileation in connection S0 S 01 ATEX 7005, for additional confficates see www.peppert-fuchs.com Group, category, type of protecton <		50.0
Fuse rating 100 mA Harardous area connection eminals 1, 2 Connection teminals 1, 2 Safe area connection teminals 7, 8 Connection teminals 7, 8 Working voltage max. 8, 8 V, 6, 5 V at 10 µA Connection teC 60529 Ambient temperature 20 – 60 °C (4 –, 140 °F) Storage temperature 20 – 60 °C (4 –, 140 °F) Motion temperature 25 70 °C (13 158 °F) Relative humidity max. 75 %, without moisture condensation Mechanical specifications IP20 Connection IP20 <		
Hazardous area connection terminals 1, 2 Safe area connection terminals 7, 8 Connection terminals 7, 8 Working voltage max. 8, 6 V, 6, 5 V at 10 µA Conformity E Degree of protection terminals 7, 8 Ambient conditions E Ambient conditions 20 60 °C (4 140 °F) Storage temperature 20 60 °C (4 140 °F) Storage temperature 22 70 °C (13 158 °F) Begree of protection IP20 Connection self-opening connection terminals, max. core cross-section 2 × 2.5 mm ² Mass approx. 150 g Dimensions 12.5 x 115 x 110 mm (0.5 x 4.5 x 4.3 in) Connection self-opening connection terminals, max. core cross-section 2 × 2.5 mm ² Mass approx. 150 g Dimensions 12.5 x 115 x 110 mm (0.5 x 4.5 x 4.3 in) Connection self-opening connection terminals, max. core cross-section 2 × 2.5 mm ² Group, category, type of protection modular terminal housing, see system description Mounting on 3 to 1 ATEX 7005, for additional certificates see www.peppert-fuchs.com Grorup, catego		
Connection terminals 1, 2 Safe trae connection terminals 7, 8 Connection terminals 7, 8 Working voltage max. 86 V, 6.5 V at 10 µA Degree of protection IEC 60529 Ambient temperature 2060 °C (4140 °F) Storage temperature 2260 °C (4140 °F) Relative humidity max. 75 %, without moisture condensation Mechanical specifications IP20 Connection IP20 Connection IP20 Connection IP20 Connection IP20 Connection IP20 Dimensions 12.5 x 115 x 110 mm (0.5 x 4.5 x 4.3 in) Connection max 75 %, withour moisture condensation Mass approx. 150 g Dimensions 12.5 x 115 x 110 mm (0.5 x 4.5 x 4.3 in) Connection info application incomection with Exarces incodular terminal all acc. to EN 60715:201 Data for application incomection Goo.p. category. type of protection Goo.p. category. type of protection Gool (1100,II (M1) [Exi a Ga] IIC, [Exi a Da] IIC, [Exi a Ma] I (20 °C × T _{amp} ≤ 60 °C) (circuit(s) in zone 0/12) Voltage U	-	100 mA
Safe area connection terminals 7, 8 Connection terminals 7, 8 Working voltage max. 8.6 V, 6.5 V at 10 μA Conformity IEC 60529 Ambient conditions -20 60 °C (4 140 °F) Storage temperature -25 70 °C (13 158 °F) Relative humidity max. 75 %, without moisture condensation Mechanical specifications IP20 Degree of protection IP20 Connection self-opening connection terminals, max. core cores-accina 2 x 2.5 mm ² Mass approx. 150 g Dimensions 12.5 x 115 x 110 mm (0.5 x 4.5 x 4.3 in) Construction type modular terminal housing, see system description Mounting on 35 mm DIN mounting rail acc. to EN 60715:2001 Data or application in connection §0 II (192D.1 (M1) [Ex ia Ga] IIC, [Ex ia Ma] I (-20 °C ≤ T _{amb} ≤ 60 °C) [circuit(s) in zone 0/1/2] Voltage Uo 9.56 V Current Io 155 mA Power Po 250 V Statement or conformity f(y) II (3D.1 (M1) [Ex ia Ga] IIC, [Ex ia Ma] I (-20 °C ≤ T _{amb} ≤ 60 °C) [circuit(s) in zone 0/1/2] Maximu safe voltage		
Connection terminals 7, 8 Working voltage max. 8.6 V, 6.5 V at 10 μA Conformity IEC 60529 Ambient conditions IEC 60529 Ambient conditions -20 60 °C (-4 140 °F) Storage temperature -20 60 °C (-4 140 °F) Relative humidity max. 75 %, without moisture condensation Mechanical specifications IP20 Connection IP20 Connection IP20 Connection approx. 150 g Dimensions 12.5 x.115 x 110 mm (0.5 x 4.5 x 4.3 in) Mass approx. 150 g Dimensions 12.5 x.115 x 110 mm (0.5 x 4.5 x 4.3 in) Connection approx. 150 g Dimensions 12.5 x 115 x 110 mm (0.5 x 4.5 x 4.3 in) Construction type modular terminal housing , see system description Otage U ₀ So 3 mm DIM mounting rail acc. to EN 60715:2001 Voltage U ₀ So V [III.0D, I.(M1) [Ex ia Ga] IIC, [Ex ia Ma] I.(20 °C ≤ T _{amb} ≤ 60 °C) [circuit(s) in zone 0/1/2] Voltage U ₀ So V [IIII.6D III.6D III.6D III.6D		terminais 1, 2
Working voltage max. 8.6 V, 6.5 V at 10 µA Conformity EC 60529 Ambient conditions -2060 °C (4140 °F) Storage temperature -2570 °C (1.3158 °F) Relative humidity max. 75 %, without moisture condensation Mechanical specifications IP20 Degree of protection IP20 Connection self-opening connection terminals, max. core cross-section 2 x 2.5 mm ² Mass approv.150 g Dimensions 12.5 x 115 x 110 mm (0.5 x 4.5 x 4.3 in) Construction type modular terminal housing, see system description Mounting on 3 mm DIN mounting rail acc. to EN 60715:2001 Data of application in connection Self Opening connection terminals, max. 50 °C (2 mmb ≤ 0°C) [circuit(s) in zone 0/1/2] Current I_0 Ordyr, pate of protection Self Opening connection terminals, max. 50 °C (2 mmb ≤ 0°C) [circuit(s) in zone 0/1/2] Voltage U/0 9,5 V Current I_0 195 mA Power P_0 250 V Setter setsistance min. 49 Q Permeissible contormity (P) 19 SM A		
Contomity Instrume Degree of protection EC 60529 Ambient temperature 2060 °C (.4140 °F) Storage temperature 2270 °C (.13158 °F) Relative humdity max. 75 %, without moisture condensation Mechanical specifications IP20 Connection IP20 Connection Self-opening connection terminals, max. core cross-section 2×2.5 mm ² Dimensions 12.5 x 115 x 110 mm (0.5 x 4.5 x 4.3 in) Connection type modular terminal housing, see system description Mounting on Stm DIN mounting rail ace. to EN 60715:2001 Defat for application in connection EAS 01 ATEX 7005, for additional certificates see www.pepperl-fuchs.com Group, category, type of protection (So III (I) (III) (Ex ia Ga] IIC, (Ex ia Da] IIIC, (Ex ia Ma] I (.20 °C ≤ T _{amb} ≤ 60 °C) (circuit(s) in zone 0/1/2) Voltage U ₀ So V min. 49 Ω Power P ₀ So V min. 49 Ω Power P ₀ Statement of conformity TUV 99 ATEX 1484 X, observe statement of conformity Group, category, type of protection in min. 49 Ω Statement of conformity <tr< td=""><td></td><td></td></tr<>		
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Ambient conditions Conditions Ambient temperature -2060 °C (4140 °F) Storage temperature -2570 °C (4140 °F) Relative humidity max. 73 %, without moisture condensation Mechanical specifications P20 Connection Self-opening connection terminals, max. core cross-section 2 × 2.5 mm ² Mass approx. 150 g Dimensions 12.5 × 115 × 110 mm (0.5 × 4.5 × 4.3 in) Construction type modula terminal housing, see system description Mounting on 35 mm DIN mounting rail acc. to EN 60715:2001 Data for application in connection Ge II (1)GD, 1 (M1) [Ex la Ca] IIIC, [Ex la DA] IIIC, [Ex la Ma] 1 (-20 °C × T _{amb} 5 60 °C) [circuit(s) in zone 0/1/2] Voltage U ₀ 9.56 V Group, category, type of protection Ge II (1)GD, 1 (M1) [Ex la Ca] IIIC, [Ex la DA] IIIC, [Ex la MA] 1 (-20 °C × T _{amb} 5 60 °C) [circuit(s) in zone 0/1/2] Voltage U ₀ 9.56 V Supply min. 49 Ω Maximum safe voltage U ₀ 250 V Series resistance min. 49 Ω Porver P ₀ 250 V Series resistance min. 49 Ω <t< td=""><td>-</td><td></td></t<>	-	
Ambient temperature -20 60 °C (-4 140 °F) Storage temperature -25 70 °C (-13 158 °F) Relative humdidy max. 75 %, without moisture condensation Mechanical specifications IP20 Connection IP20 Connection self-opening connection terminals, max. core cross-section 2 x 2.5 mm ² Mass approx. 150 g Dimensions 12.5 x 115 x 110 mm (0.5 x 4.5 x 4.3 in) Construction type modular terminal housing , see system description Multing on 35 mm DIN mounting rail acc. to EN 60715:2001 Data for application in connection Given, crassegon, type of protection Voltage U Voltage U 9.56 V given P Current I 195 mA Power Power P Voltage U 9.56 V rune Storagon, type of protection Giv V You well YO mW Supply TUV 99 ATEX 1484 X, observe statement of conformily Group, crasegon, type of protection Give II 484 X, observe statement of conformily Group of drawing I16-0118 <td>• •</td> <td>IEC 60529</td>	• •	IEC 60529
Storage temperature -2570 °C (-13158 °F) Relative humidity max.75 %, without moisture condensation Mechanical specifications IP20 Degree of protection IP20 Connection approx.150 g Dimensions approx.150 g Construction type max.core cross-section 2 × 2.5 mm ² Mounting on 55 mm DIN mounting rail acc. to EN 60715:2001 Dimensions 0.55 M DIN mounting rail acc. to EN 60715:2001 Data for application in connection BAS 01 ATEX 7005, for additional certificates see www.pepperl-fuchs.com Group, category, type of protection (S) II (10,D, I (M1) [Ex ia Ga] IIC, [Ex ia DA] II (-20 °C < T _{amb} ≤ 60 °C) [circuit(s) in zone 0/1/2] Voltage Uo 195 mA Power Po 470 mW Supply science resistance mix 49 Ω Power Po 470 mW Statement of conformity Go 19 STEX 1484 X, observe statement of conformity Gi 113 G Ex A II CT 4G (device in zone 2] Maximu aste voltage Un (19 G I K M1) [Ex IA GD 7-15:2010 III G Ex II A II CT 4G (device in zone 2] Porter ve av/3/EC EN 60079-0:2012, EN 60079-11:2012, EN 60079-15:2010 III G Ex II A II CT 4G (device in zone 2] <		
Relative humidity max. 75 %, without moisture condensation Mechanical specifications P20 Degree of protection IP20 Connection self-opening connection terminals, max. core cross-section 2 x 2.5 mm ² Mass approx. 150 g Dimensions 12.5 x 115 x 110 mm (0.5 x 4.5 x 4.3 in) Construction type modular terminal housing, see system description Mounting on 35 mm DIN mounting rail acc. to EN 60715:2001 Data for application in connection BAS 01 ATEX 7005, for additional certificates see www.pepperf-fuchs.com Group, category, type of protection (5) II (1)GD, I (M1) [Ex ia Ga] IIC, [Ex ia Da] IIIC, [Ex ia Ma] I (-20 °C ≤ T _{amb} ≤ 60 °C) [circuit(s) in zone 0/12] Voltag U _o 9.56 V Group, category, type of protection (5) II (1)GD, I (M1) [Ex ia Ga] IIC, [Ex ia Da] IIIC, [Ex ia Ma] I (-20 °C ≤ T _{amb} ≤ 60 °C) [circuit(s) in zone 0/12] Voltag U _o 9.56 V Gurrent I _o 195 mA Power P _o 420 W Statement of conformity T/U v9/ ATEX 1484 X, observe statement of conformity Group, category, type of protection, temperature class (5) II 3G Ex nA IIC T4 Gc [device in zone 2]		
Mechanical specifications IP20 Degree of protection IP20 Connection splf-opening connection terminals, max. core cross-section 2 x 2.5 mm ² Mass approx.150 g Dimensions 12.5 x 115 x 110 mm (0.5 x 4.5 x 4.3 in) Construction type modular terminal housing, see system description Mounting on 35 mm DIN mounting rail acc. to EN 60715:2001 Approx.100 mg/ms BAS 01 ATEX 7005, for additional certificates see www.pepperl-fuchs.com FC-Type Examination Certificate BAS 01 ATEX 7005, for additional certificates see www.pepperl-fuchs.com Group, category, type of protection 9.56 V Yolkage U_0 9.56 V 9.56 V Quint (J)GD, I (M1) [Ex ia Ga] IIC, [Ex ia Da] IIIC, [Ex ia Ma] I (-20 °C ≤ T _{amb} ≤ 60 °C) [circuit(s) in zone 0/12] 9.56 V 195 mA Current U_0 9.56 V 195 mA Supply 50 V Maximu safe voltage U_m YOU 9.56 V 100 Y Group, category, type of protection min. 49 Ω Protectione conformity 100 Y 9.52 V Group, category, type of protection	· ·	
Degree of protection IP20 Connection self-opening connection terminals, max. core cross-section 2 x 2.5 mm ² Mass approx. 150 g Dimensions 12.5 x 115 x 110 mm (0.5 x 4.5 x 4.3 in) Construction type modular terminal housing , see system description Mounting on 35 mm DIN mounting rail acc. to EN 60715:2001 Data for application in connection modular terminal housing , see system description With Ex-areas EC-Type Examination Certificate EC-Type Examination Certificate BAS 01 ATEX 7005, for additional certificates see www.pepperl-fuchs.com Group, category, type of protection \bigotimes II (1)(3D, I (M1) [Ex ia Ga] IIC, [Ex ia Da] IIIC, [Ex ia Ma] I (-20 °C ≤ T _{amb} ≤ 60 °C) [circuit(s) in zone 0'1/2] Voltage U ₀ 9.56 V Current I ₀ 195 mA Power P ₀ 250 V Supply Z50 V Maximum safe voltage Maximum safe voltage U _m 250 V Statement of conformity TÜV 99 ATEX 1484 X, observe statement of conformity Group, category, type of protection, temperature class III 3G Ex nA IIC T4 Gc (device in zone 2] Directive eonformity SUI	•	max. 75 %, without moisture condensation
Connection self-opening connection terminals, max. core cross-section 2 x 2.5 mm ² Mass approx. 150 g Dimensions 12.5 x 115 x 110 mm (0.5 x 4.5 x 4.3 in) Construction type modular terminal housing , see system description Mounting on 35 mm DIN mounting rail acc. to EN 60715-2001 Data for application in connection with Ex-areas EC-Type Examination Certificate BAS 01 ATEX 7005 , for additional certificates see www.pepperl-fuchs.com Group, category, type of protection (b) II (1) (G, I (M1) [Ex ia Ga] IIC, [Ex ia Da] IIIC, [Ex ia Ma] I (-20 °C ≤ T _{amb} ≤ 60 °C) [circuit(s) in zone 0/1/2] 9.56 V 9.56 V Current I ₀ Power P ₀ You W 9.56 V Supply 250 V Maximum safe voltage U _m Series resistance min. 49 Ω Permissible connection values [EEx ia] SE X A IIC T4 Gc (device in zone 2) Maximum safe voltage U Orup, category, type of protection, temperature class U 3 G Ex nA IIC T4 Gc (device in zone 2) Directive 94/9/EC EN 60079-0:2012, EN 60079-11:2012, EN 60079-15:2010 International approval E<	-	
max. core cross-section 2 x 2.5 mm ² Mass approx 150 g Dimensions 12.5 x 115 x 110 mm (0.5 x 4.5 x 4.3 in) Construction type modular terminal housing, see system description Maxing on 35 mm DIN mounting rail acc. to EN 60715:2001 Data for application in connection BAS 01 ATEX 7005, for additional certificates see www.pepperl-fuchs.com Group, category, type of protection GIN (10,D, I (M1) [Ex ia Ga] IIC, [Ex ia Da] IIC, [Ex ia Ma] I (20 °C ≤ T _{amb} ≤ 60 °C) [circuit(s) in zone 0/1/2] Voltage Up 9.56 V Current Ip 155 mA Summur Sel voltage Up 250 V Maximum sel voltage Up 250 V Series resistance mixi.49 Ω 100 Q Prover classo UV 99 ATEX 1484 X, observe statement of conformity UV 99 ATEX 1484 X, observe statement of conformity Group, category, type of protection II Go079-0:2012, EN 60079-11:2012, EN 60079-15:2010 EN approx Directive sel/s/EC EN 60079-0:2012, EN 60079-11:2012, EN 60079-15:2010 EN approx FM approval If-0118 If-0118 If-0118 Control drawing If-0118 If-0118	• •	
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Construction type modular terminal housing , see system description Mounting on 35 mm DIN mounting rail acc. to EN 60715:2001 Data for application in connection with Ex-areas Supply EC-Type Examination Certificate BAS 01 ATEX 7005 , for additional certificates see www.pepperl-fuchs.com Group, category, type of protection Sup II (1)GD, I (M1) [Ex ia Ga] IIC, [Ex ia Da] IIIC, [Ex ia Ma] I (-20 °C ≤ T _{amb} ≤ 60 °C) [circuit(s) in zone 0/1/2] Voltage Uo 9.56 V Current Io 195 mA Power Po 470 mW Supply 250 V 250 V Series resistance min. 49 Ω 250 V Permissible connection values [Ex ia] TÜV 99 ATEX 1484 X, observe statement of conformity Googn-15:2010 Directive softype of protection, temperature class EN 60079-0:2012, EN 60079-11:2012 , EN 60079-15:2010 EN 60079-0:2012, EN 60079-15:2010 International approval I16-0118 I16-0139 I16-0139 I16-0139 Control drawing I16-0119 I16-0119 I16-0119	Mass	approx. 150 g
Mounting on 35 mm DIN mounting rail acc. to EN 60715:2001 Data for application in connection with Exareas BAS 01 ATEX 7005, for additional certificates see www.pepperl-fuchs.com EC-Type Examination Certificate BAS 01 ATEX 7005, for additional certificates see www.pepperl-fuchs.com Group, category, type of protection I (1)GD, I (M1) [Ex ia Ga] IIC, [Ex ia Da] IIIC, [Ex ia Ma] I (-20 °C ≤ T _{amb} ≤ 60 °C) [circuit(s) in zone 0/1/2] Voltage Up 956 V Current Ip 195 mA Power Po 470 mW Supply 250 V Series resistance min. 49 Ω Permissible connection values [EEx ia] TÜV 99 ATEX 1484 X, observe statement of conformity Im Group, category, type of protection, temperature class TÜV 99 ATEX 1484 X, observe statement of conformity Im Directive 94/9/EC EN 60079-0:2012, EN 60079-11:2012, EN 60079-15:2010 Emerature 1000000000000000000000000000000000000	Dimensions	12.5 x 115 x 110 mm (0.5 x 4.5 x 4.3 in)
Data for application in connection with Ex-areas A EC-Type Examination Certificate BAS 01 ATEX 7005 , for additional certificates see www.peppel-fuchs.com Group, category, type of protection Go II (1)GD, I (M1) [Ex ia Ga] IIC, [Ex ia Da] IIIC, [Ex ia Ma] I (-20 °C ≤ T _{amb} ≤ 60 °C) [circuit(s) in zone 0/1/2] Voltage U ₀ 9.56 V Current I ₀ 195 mA Power P ₀ 470 mW Supply 250 V Series resistance min.49 Ω Permissible connection values [EEx ia] 7Ú V 99 ATEX 1484 X , observe statement of conformity Group, category, type of protection, temperature class EN 60079-0:2012, EN 60079-11:2012 , EN 60079-15:2010 Directive 94/9/EC EN 60079-0:2012, EN 60079-11:2012 , EN 60079-15:2010 International approval 116-0118 Control drawing 116-0118 UL approval 116-0139 Control drawing 116-0119	Construction type	modular terminal housing , see system description
with Ex-areas Indextex EC-Type Examination Certificate BAS 01 ATEX 7005, for additional certificates see www.pepperl-fuchs.com Group, category, type of protection Gil (1)GD, 1 (M1) [Ex ia Ga] IIC, [Ex ia Da] IIIC, [Ex ia Ma] 1 (-20 °C ≤ T _{amb} ≤ 60 °C) [circuit(s) in zone 0/1/2] Voltage U _o 9.56 V Current I _o 195 mA Power P _o 470 mW Supply 550 V Maximum safe voltage U _m 250 V Series resistance min. 49 Ω Pormissible connection values [EEx ia] TÜV 99 ATEX 1484 X, observe statement of conformity Group, category, type of protection iii 3G Ex nA IIC 74 Gc [device in zone 2] Directive conformity EN 60079-0:2012, EN 60079-11:2012, EN 60079-15:2010 International approvals EN 60079-0:2012, EN 60079-15:2010 FM approval 116-0118 Control drawing 116-0118 UL approval 116-0118 Control drawing 116-0119	Mounting	on 35 mm DIN mounting rail acc. to EN 60715:2001
Group, category, type of protection Si II (1)GD, I (M1) [Ex ia Ga] IIC, [Ex ia Da] IIIC, [Ex ia Ma] I (-20 °C ≤ T _{amb} ≤ 60 °C) [circuit(s) in zone 0/1/2] Voltage U _o 9.56 V Current I _o 195 mA Power P _o 470 mW Supply 250 V Maximum safe voltage U _m Series resistance min. 49 Ω Permissible connection values [EEx ia] TÜV 99 ATEX 1484 X, observe statement of conformity Group, category, type of protection, temperature class TÜV 99 ATEX 1484 X, observe statement of conformity Directive ouformity EN 60079-0:2012, EN 60079-11:2012, EN 60079-15:2010 International approvals 116-0118 UL approval 116-0139 Control drawing 116-0139 Control drawing 116-0119		
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CurrentI 0195 mAPowerPo470 mWSupplyMaximum safe voltageUm250 VSeries resistancemin. 49 ΩPermissible connection values [EEx ia]Statement of conformityTÜV 99 ATEX 1484 X, observe statement of conformityGroup, category, type of protection, temperature classDirective onformityEN 60079-0:2012, EN 60079-11:2012, EN 60079-15:2010International approvalsFM approval116-0118UL approval116-0119Control drawing116-0119	Group, category, type of protection	⟨ II (1)GD, I (M1) [Ex ia Ga] IIC, [Ex ia Da] IIIC, [Ex ia Ma] I (-20 °C ≤ T _{amb} ≤ 60 °C) [circuit(s) in zone 0/1/2]
Power Po 470 mW Supply - Maximum safe voltage Um 250 V Series resistance min. 49 Ω Permissible connection values [EEx ia] - Statement of conformity TÜV 99 ATEX 1484 X, observe statement of conformity Group, category, type of protection, temperature class TÜV 99 ATEX 1484 X, observe statement of conformity Directive conformity TÜV 99 ATEX 1484 X, observe statement of conformity Group, category, type of protection, temperature class (a) II 3G Ex nA IIC T4 Gc [device in zone 2] Directive conformity EN 60079-0:2012, EN 60079-11:2012, EN 60079-15:2010 International approvals EN 60079-0:2012, EN 60079-15:2010 FM approval I16-0118 UL approval I16-0118 UL approval I16-0139 Control drawing 116-0139 CSA approval I16-0119	Voltage U _o	9.56 V
Supply Image: supply with the second s	Current I _o	195 mA
Supply Image: supply with the second s	Power Po	470 mW
Series resistancemin. 49 ΩPermissible connection values [EEx ia]Statement of conformityTÜV 99 ATEX 1484 X, observe statement of conformityGroup, category, type of protection, temperature classIi 3G Ex nA IIC T4 Gc [device in zone 2]Directive conformityEN 60079-0:2012, EN 60079-11:2012, EN 60079-15:2010International approvalsEN 60079-0:2012, EN 60079-11:2012, EN 60079-15:2010FM approval116-0118UL approval116-0118Control drawing116-0139CSA approval116-0119		
Series resistancemin. 49 ΩPermissible connection values [EEx ia]Statement of conformityTÜV 99 ATEX 1484 X, observe statement of conformityGroup, category, type of protection, temperature classIi 3G Ex nA IIC T4 Gc [device in zone 2]Directive conformityEN 60079-0:2012, EN 60079-11:2012, EN 60079-15:2010International approvalsEN 60079-0:2012, EN 60079-11:2012, EN 60079-15:2010FM approval116-0118UL approval116-0118Control drawing116-0139CSA approval116-0119	Maximum safe voltage Um	250 V
Statement of conformityTÜV 99 ATEX 1484 X, observe statement of conformityGroup, category, type of protection, temperature classII 3G Ex nA IIC T4 Gc [device in zone 2]Directive conformityEN 60079-0:2012, EN 60079-11:2012, EN 60079-15:2010International approvalsII 6-0012, EN 60079-11:2012, EN 60079-15:2010FM approval116-0118UL approval116-0139Control drawing116-0139CSA approval116-0119Control drawing116-0119		min. 49 Ω
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International approvals International approvals FM approval	•	EN 60079-0:2012, EN 60079-11:2012, EN 60079-15:2010
FM approval I16-0118 Control drawing 116-0139 Control drawing 116-0139 CSA approval I16-0119 Control drawing 116-0119		
Control drawing 116-0118 UL approval 116-0139 Control drawing 116-0139 CSA approval 116-0119 Control drawing 116-0119	•••	
UL approval 116-0139 Control drawing 116-0139 CSA approval 116-0119		116-0118
Control drawing 116-0139 CSA approval 116-0119 Control drawing 116-0119	•	
CSA approval Control drawing 116-0119		116-0139
Control drawing 116-0119		
		116-0119
Approved for [Ex ia Ga] IIC, [Ex ia Da] IIIC, [Ex ia Ma] I	Approved for	[Ex ia Ga] IIC. [Ex ia Da] IIIC. [Ex ia Ma] I
General information		[],, [, [, [, [, [, [
Supplementary information EC-Type Examination Certificate, Statement of Conformity, Declaration of Conformity, Attestation of Conformity and instructions have to be observed where applicable. For information see www.pepperl- fuchs.com.		Conformity and instructions have to be observed where applicable. For information see www.pepperl-

Pepperl+Fuchs Group www.pepperl-fuchs.com

USA: +1 330 486 0002 pa-info@us.pepperl-fuchs.com

Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

Germany: +49 621 776 2222 pa-info@de.pepperl-fuchs.com

Singapore: +65 6779 9091 pa-info@sg.pepperl-fuchs.com



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