

PRODUCT INFORMATION SHEET

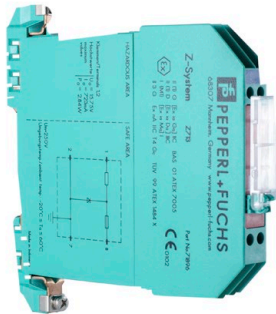
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ZENER BARRIER FOR EX DETECTORS OMX/WMX

Zener barrier for Ex-detectors Z713

Part-No.: 33084



Zener barrier for Ex detectors Z713 Pepperl+Fuchs. The Zener barrier prevents the transmission of impermissible high levels of energy from a non-Ex zone to the Ex zone.

- ATEX parameters: U_0 15.75 V; I_0 723 mA, P_0 2.84 W
- For intrinsically safe circuit(s) in zone 0/1/2
- For field device: Ex II (1)GD, I (M1) [Ex ia Ga] IIC, [Ex ia Da] IIIC, [Ex ia Ma] I ($-20\text{ °C} \leq T_{amb} \leq 60\text{ °C}$)
- For top-hat rail mounting
- Single channel
- DC version, positive polarity
- Working voltage 13.7 V at 10 μ A
- Series resistance max. 29 ohms
- Supply voltage max. 14.6 V

Technical Data

Betriebsspannungsbereich	Operation voltage range
Operating voltage	12 V DC
Output voltage	12 V DC
Alarm Current	max. 160 mA
Protection class	IP 20
Operating temperature	-20°C to +60°C
Storage temperature	-25°C to +70°C
Humidity	max 75 %
Dimensions (H x B x T)	12.5 x 115 x 110 mm
Weight	ca. 150 g
Material	PC
Standards	EN 60079-0:2009, EN 60079-11:2007, EN 61241-11:2006 , EN 60079-15:2010
Further approvals	TÜV 99 ATEX 1484 X