

## Ex - Junction box • Device category 2G and 2D

### Series GK...

For the connection of supply and signal lines in explosion hazardous areas of zone 1 and zone 21

### Clamp fastening



Design	GK E...		
Dimensions			
ID-No.	Z01222	Z01232	Z01246
Type	GK E 060 K M	GK E 080 K M	GK E 100 K M
Number of clamps	4	2 x 4	3 x 4
Dimensions (BxTxH) [mm]	58x64x36	98x64x36	150x64x36
Ignition protection type	Gas: increased safety		
Ex marking	Dust: protection through enclosure		
	Gas: Ex II 2G Ex eb IIC T6 Gb		
Certificate No.	Dust: Ex II 2D Ex tb IIIC T80°C Db		
	TÜV 16 ATEX 152979 X		
Ambient temperature [°C]	Gas: T3, T4, T5, T6: $-20 \leq T_a \leq +75$		
Voltage [V]	Dust: $-20 \leq T_a \leq +75$		
	$U_m \leq 275$		
Current [A]	$I_m \leq 2$		
Type of terminal	terminal with no screws		
Rated cross-section	„e+t“ single wire: 0.20...2.5 mm <sup>2</sup> / flexible: 0.20...2.5 mm <sup>2</sup>		
Clamping range of cable gland [mm]	flexible: 0.20...2.5 mm <sup>2</sup> (with wire end ferrule)		
	5.0...10.0		
Material	2.0...6.0 (with reduction insert RDE 16)		
	housing: aluminium powder coated / cable gland: Br-Ni / PA / EPDM		
Protection [EN 60529]	IP 65		
Connection	terminal compartment		

#### Note:

The Ex-junction box type GK E... is designed for the connection of non-intrinsically safe circuits in explosion-hazardous areas of zone 1 and zone 21. Outside of the housing, the lines must be installed permanently; further provisions must be observed if required.

Additional housings, additional terminals and plastic cable glands are available on request.

Accessories	reduction insert RDE 16 (part of delivery)
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