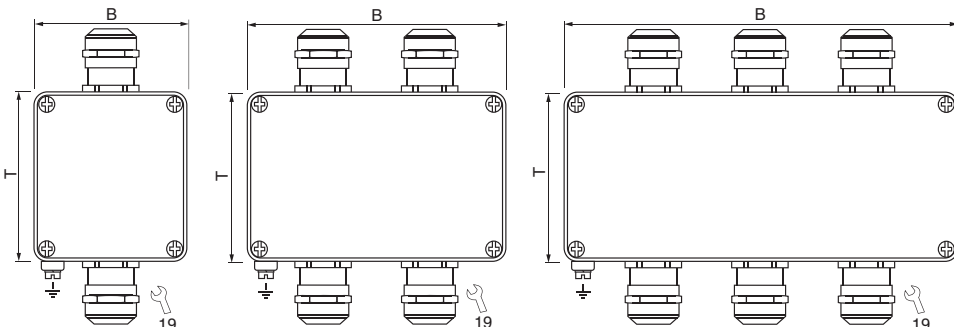


Series GK...

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

Clamp fastening



Design	GK I...		
Dimensions			
ID-No.	Z01224	Z01234	Z01248
Type	GK I 060 K M	GK I 080 K M	GK I 100 K M
Number of clamps	4	2 x 4	3 x 4
Dimensions (BxTxH) [mm]	58x64x36	98x64x36	150x64x36
Ignition protection type	Gas: intrinsic safety		
Ex marking	Dust: intrinsic safety		
	Gas: Ex II 2G Ex ib/ia IIC T6 Gb		
Certificate No.	Dust: Ex II 2D Ex ib/ia IIIC T80 °C Db		
	TÜV 16 ATEX 152979 X		
Ambient temperature [°C]	Gas: T3, T4, T5, T6: -20 ≤ Ta ≤ +75		
	Dust: -20 ≤ Ta ≤ +75		
Voltage [V]	Ui = 90		
Current [A]	Ii = 2.0		
Type of terminal	terminal with no screws		
Rated cross-section	„i“ single wire: 0.08...2.5 mm ² / flexible: 0.08...2.5 mm ² flexible: 0.08...2.5 mm ² (with wire end ferrule)		
Clamping range of cable gland [mm]	5.0...10.0		
	2.0...6.0 (with reduction insert RDE 16)		
Material	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 I... is designed for the connection of 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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