

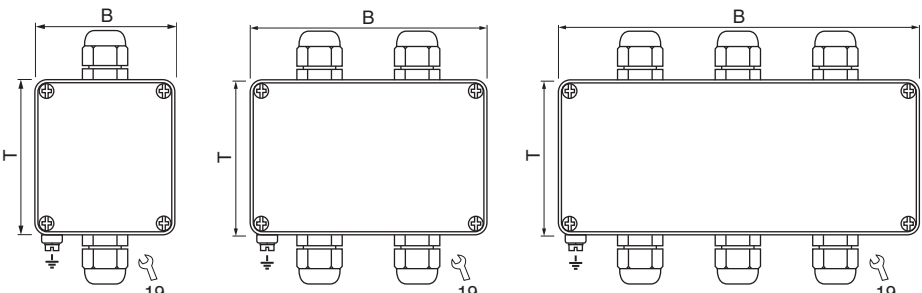


## - Junction box • Device category 2G and 2D

### Series GK...

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

Connection type screw terminals



Design	GK E...		
Dimensions			
ID-No.	Z01219	Z01227	Z01239
Type	GK E 060 S K	GK E 080 S K	GK E 100 S K
Amount of terminals	4	2 x 4	3 x 4
Dimensions (BxTxH) [mm]	58x64x36	98x64x36	150x64x36
Type of protection	Gas: increased safety		
Ex marking	Dust: protection through enclosure Gas:  II 2G Ex eb IIC T6 Gb Dust:  II 2D Ex tb IIIC T75 °C Db		
Certificate No.	TÜV 16 ATEX 152979 X		
Ambient temperature [°C]	Gas: T3, T4, T5, T6: $-20 \leq T_a \leq +70$ Dust: $-20 \leq T_a \leq +70$		
Voltage [V]	$U_m \leq 275$		
Current [A]	$I_m \leq 2$		
Connection type	screw terminals		
Rated cross-section	„e+t“ single wire: 0.50...2.5 mm <sup>2</sup> / flexible: 0.50...1.5 mm <sup>2</sup> flexible: 0.50...1.5 mm <sup>2</sup> (with wire end ferrule)		
Clamping range of cable gland [mm]	5.0...8.0		
Material	housing: aluminium powder coated / cable gland: PA/CR		
Protection [EN 60529]	IP 65		
Connection	terminal compartment		

#### Notes:

The Ex-junction box type GK E... is designed for the connection of non-intrinsically safe circuits in explosion-hazardous areas of category 2. Outside of the housing, the lines must be installed permanently; further provisions must be observed if required.

Additional housings, additional clamps and metal cable glands are available on request.