Metal Housing

This explosion protected keyboard is available as a model with a complete stand-alone metal housing. Due to the metal front panel and the stainless steel housing, the keyboard is extremely sturdy.

Front Mounting

This front panel model of our explosion protected keyboard can be easily integrated into systems by means of threaded bolts which are located on the rear side.

Entirely Covered Silicone Keyboard

This explosion protected keyboard (pictured above) is completely covered with silicone, which makes it entirely waterproof and dustproof.

To prevent the possibility of ignition, a decoupling device for the galvanic isolation between the keyboard and the system is required. If your facility does not have such a device available, his required accessory is available from GETT.

Available as Version with 50-mm trackball or touchpad

Available as version with 50-mm trackball or touchpad

TKA Interface Ex:

To prevent the possibility of ignition, a decoupling device for the galvanic isolation between the keyboard and the system is required. This accessory is shown below and available from GETT if your facility does not have such a device available.

KA09210

KA08201

Technical Data

Switching Technology:	Short Travel Keys
Switching Force:	2.6 N
Switch Travel:	0.3 mm
Switching Cycles:	Approx. 3 Mio. (per key)
Operating Temperature:	0 °C to + 50 °C
Storage Temperature:	0 °C to + 60 °C
Interface:	PS/2

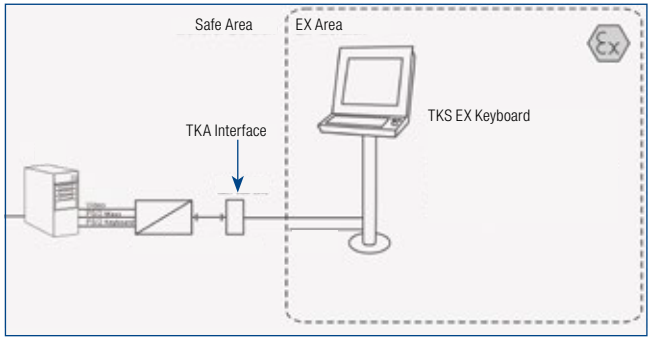
Front Panel Material

TKS version:	Aluminium
TKG version:	Silicone

Housing Material

MGEH version:	Stainless Steel

Gönnheimer PC100



Data input devices are electromechanic devices and as such are a potential source of ignition. As a result they are subject to specific technical modifications and often confronted with demanding industrial environments.
For the operation of such devices in explosion-prone areas, the operating devices are at first separated from the system and from the remaining periphery, which are located in a safe area (see above picture). For barrier is used, which allows for this the galvanic isolation of the two circuits. Without this barrier, the safe use of an explosion protected data input device is not possible. The distance between the operating element and the barrier can often be as large as 10.0 m.

Cat. No.	Product Description	Pointing Device	Protection Level	Dimensions (mm)	Weight
KS02011	TKS-105-EX-MGEH-PS/2-US	None	IP65	508 x 213 x 52 mm	5700 g
KS02013	TKS-105-EX-TB50-MGEH-PS/2-US	Trackball, 50 mm	IP65 [1]	508 x 213 x 52 mm	6000 g
KS02015	TKS-105-EX-TOUCH-MGEH-PS/2-US	Touchpad	IP65	508 x 213 x 52 mm	5800 g
KS09220	TKS-105-EX-TB50-MODUL-PS/2-US	Trackball, 50 mm	IP65 [1]	482.6 x 177.8 x 48	1600 g
KS09218	TKS-105-EX-TOUCH-MODUL-PS/2-US	Touchpad	IP65	482.6 x 177.8 x 23	1200 g
KG14046	TKG-105-EX-IP68-GREY-PS/2-US	None	IP68	387 x 150 x 22 mm	1200 g
KA09210	TKA-EX-VERSORGUNG-TKS-PS/2		Please order the EX Interface separately		
KA08201	TKA-INTERFACE-EX		Please order the EX Interface separately		

Other layouts, configurations and interfaces on request

[1] IP65 (static), IP54 (dynam.)