A01

TKS-105c-FP-4HE

A02

TKS-105c-TB38-FP-4HE

A03

TKS-105c-TB50oF80-FP-4HE

A04

TKS-105c-TOUCH-FP-4HE

A05

TKS-105c-FP-3HE

A06

TKS-105c-TB38-FP-3HE

A07

TKS-105c-TOUCH-FP-3HE

RACK MOUNTING

One type of front mounting is installation into industrial rack systems. In the majority of cases, these systems adhere to a 19" system which has a 19" form factor as its key defining characteristic. In this respect, 19" or 482.6 mm refers to the width of the racks which can be stored on rails inside the cabinet which can then easily be extracted and retracted. The height of one cassette compartment is also standardized and are referred to as Rack Units (RU). 1 RU has a height of 1.75" or 44.45 mm per unit.

With the FP series, GETThas developed a product family of industrial keyboards which are precisely adapted to the specifications of the 19" system. All FP keyboards have a width of 19" and models with 1 (drawer version), 3 or 4 RU are available. The mounting of the industrial keyboards of the FP series is performed by means of boreholes on the front of the keyboard front panel. The keyboard front panel is connected to the frame of the rack by means of a screw.

FRONT MOUNTING - 3 RU Mounting Height

TKS-105a-FP-3HE
These keyboards feature a normal conventional keyboard layout and size, and are ideally suited for the installation into 19" rack mount systems. These keyboards are 3 rack units (RU) high or 133.35 mm.
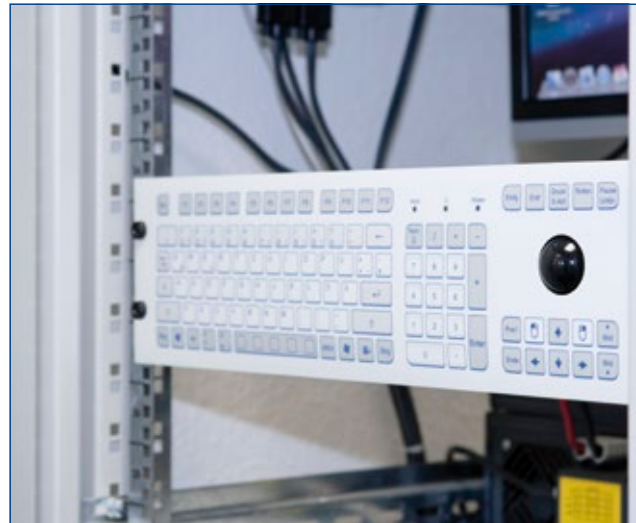
FRONT MOUNTING - 4 RU Mounting Height

TKS-105a-FP-4HE
This model is technically identical to the TKS-105a-FP-3HE, this product family offers all features of a rugged industrial short travel keyboard with a front panel height of 4 RU and is fully compatible with 19" switch cabinets.

All models available in this series include integrated pointing devices, which are often a necessary element in rack mount applications. The options include an integrated trackball or integrated touchpad.

Technical Data

Switching Technology:	Short Travel Keys
Switching Force:	2.6 N
Switch Travel:	0.3 mm
Switching Cycles:	Approx. 3 Mio. (per key)
Housing Design:	19" Front Panel with Boreholes
Frontpanel Material:	Aluminium
Operating Temperature:	-25 °C to + 70 °C [1]
Storage Temperature:	-25 °C to + 80 °C

Pict.	Cat. No.	Product Description		Pointing Device	Protection Level	Dimensions (mm)	Weight
A01	KS18323	TKS-105c-FP-4HE-PS/2-US	4 RU	None	IP65	482.6 x 177.8 x 25.5	1200 g
A01	KS18325	TKS-105c-FP-4HE-USB-US	4 RU	None	IP65	482.6 x 177.8 x 25.5	1200 g
A02	KS18327	TKS-105c-TB38-FP-4HE-PS/2-US	4 RU	Trackball, 38 mm	IP65 [2]	482.6 x 177.8 x 50.4	1300 g
A02	KS18329	TKS-105c-TB38-FP-4HE-USB-US	4 RU	Trackball, 38 mm	IP65 [2]	482.6 x 177.8 x 50.4	1300 g
A03	KS18331	TKS-105c-TB50oF80-FP-4HE-PS/2-US	4 RU	Trackball, 50 mm	IP65	482.6 x 177.8 x 49.9	1600 g
A03	KS18333	TKS-105c-TB50oF80-FP-4HE-USB-US	4 RU	Trackball, 50 mm	IP65	482.6 x 177.8 x 49.9	1600 g
A04	KS18335	TKS-105c-TOUCH-FP-4HE-PS/2-US	4 RU	Touchpad	IP65	482.6 x 177.8 x 25.5	1200 g
A04	KS18337	TKS-105c-TOUCH-FP-4HE-USB-US	4 RU	Touchpad	IP65	482.6 x 177.8 x 25.5	1200 g
A05	KS18311	TKS-105c-FP-3HE-PS/2-US	3 RU	None	IP65	482.6 x 133.5 x 42.1	900 g
A05	KS18313	TKS-105c-FP-3HE-USB-US	3 RU	None	IP65	482.6 x 133.5 x 42.1	900 g
A06	KS18315	TKS-105c-TB38-FP-3HE-PS/2-US	3 RU	Trackball, 38 mm	IP65 [2]	482.6 x 133.5 x 43.5	1000 g
A06	KS18317	TKS-105c-TB38-FP-3HE-USB-US	3 RU	Trackball, 38 mm	IP65 [2]	482.6 x 133.5 x 43.5	1000 g
A07	KS18319	TKS-105c-TOUCH-FP-3HE-PS/2-US	3 RU	Touchpad	IP65	482.6 x 133.5 x 42.6	900 g
A07	KS18321	TKS-105c-TOUCH-FP-3HE-USB-US	3 RU	Touchpad	IP65	482.6 x 133.5 x 42.6	900 g

Other layouts, configurations and interfaces on request

[1] Keyboards with pointing device: 0 °C to +70 °C   [2] IP65 (static), IP54 (dynam.)

In the technical sector, „rack" designates a frame for electrical devices which has a standardized width of 19". Accordingly, InduKey® rack mount series keyboards have a front panel width of precisely 482.6 mm in order to meet the requirements of this standard. In case of devices of smaller dimensions, such as the TKS-030-FP, so called integration cassette mounting' is used to allow the incorporation of devices narrower than 19".