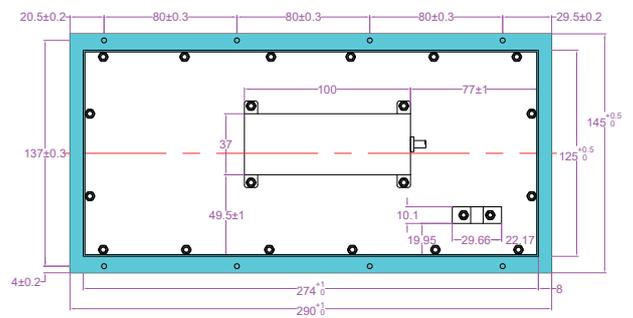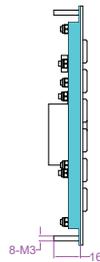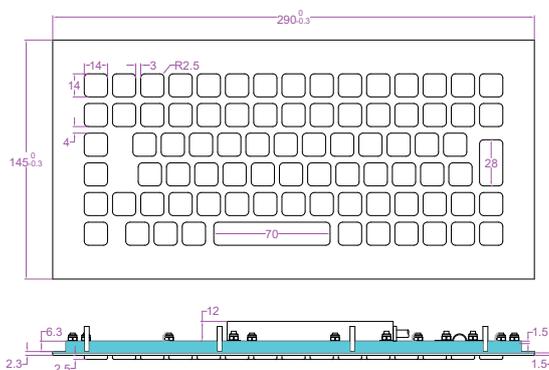# Industrial Keyboards | INOX Series | GPK-A290-FN-DWP

MODEL NO.: GPK-A290-FN-DWP

DESCRIPTION: 83 keys compact format IP65 dynamic washable vandal proof stainless steel industrial keyboard, industrial PCB with carbon-on-gold key switch technology with long stroke (1.50±0.10mm) with extremely good tactile feeling for fast and accurate data input without any noise, function keys F1, F2, F3...F10, F11, F12 are on the top line for easy operation, FN+Clean combination keys for easy and fast cleaning without needing to take the keyboard away from PC, stainless steel top plate with threaded bolts for top panel mounting solution. Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc.

DIMENSIONS: 290.0 mm x 145.0mm (front panel)

MECHANICAL DATA	
Actuator/keys	83 keys
Key top style	Protuberant rectangular keys, laser engraved & etched legends & raised braille on keys are available
Key Size	14.0mm x 14.0mm for normal keys, 14.0mm x 28.0mm for enter key, 14.0mm x 70.0mm for space bar
Key travel	1.50±0.10mm
Actuation Force	1.5N±0.2N for key 14.0mm x 14.0mm (pressure point), 2.5N±0.2N for key 14.0mm x 28.0mm (pressure point)
Front Plate	1.5mm thickness super quality brushed stainless steel
Back Plate	1.5mm thickness super quality brushed stainless steel
Switch life	more than 5 million of operations
G.W.	1.50KGs
ELECTRICAL DATA	
Supply Voltage	+5V DC ± 5%
Current Rating	30mA
EMC Standard	EN 55032:2015 EN 55035:2017
Lifespan	> 5 years
Switch Contact Material	Carbon-on-Gold key switch technology PCB
Interface	PS2, USB available
OS	All Windows, Linux, Unix, Mac OSX, Vxworks, Android, (U-cos--To be confirmed).
ENVIRONMENTAL ADAPTABILITY	
Operating temperature	-20℃ to +65℃
Storage temperature	-30℃ to +75℃
Operating RH	30-90%
Atmospheric pressure	60-106Kpa
Saline mist	96 hours, IEC 60512-6
Damp heat test at +40℃	21 days, IEC 60512-6
Dry heat test at +85℃	10 days, IEC 60512-6

RELIABILITY	
RoHS Compliant, CE and FCC, ESD	
Protection Level	IP65 dynamic (front panel)
Vandal resistant	IK08
Key Lifespan	>5 million actuations
MTBF	>20000H
MTTR	<30min
APPLICATIONS	Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc.

* All technical data, specification and performance figures subject to change without notice.

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