

Extension Unit 22" KP48 PN for mounting on all fully IP65-enclosed 16:9 HMI/IPC devices. Without free installation positions. Connection via PROFINET



Control elements	
Version of actuating element	4x Key Panel 12
Operating principle of the actuating element	Tactile feedback
Functional lighting	Yes; Freely configurable colors: Red, green, blue, white, yellow
With parameterizable keys	Yes
Connection type	
<ul style="list-style-type: none"> <li>Connection type of the safety-related contacts (emergency stop)</li> </ul>	8-pin connector
Installation type/mounting	
Mounting	For mounting on a 16:9 HMI / IPC PRO device (lower part)
Mounting type	Screwed joint
Rack mounting	No
Front mounting	No
Number of slots for command devices and signaling units	0
RFID reader can be installed	No
Supply voltage	
Type of supply voltage	DC
Rated value (DC)	24 V
permissible range, lower limit (DC)	19.2 V
permissible range, upper limit (DC)	28.8 V
Input current	
Current consumption (rated value)	150 mA; without load
Power	
Active power input, typ.	3.6 W; Additional 2.6 W per KP12
Interfaces	
Number of industrial Ethernet interfaces	2; For the construction of lines and rings without external switch
Number of PROFINET interfaces	2; Incl. switch
Protocols	
PROFINET	Yes
Redundancy mode	
Media redundancy	
— MRP	Yes
Degree and class of protection	
IP65 (all-round)	Yes
Standards, approvals, certificates	
CE mark	Yes
UL approval	Yes

cULus	Yes
RCM (formerly C-TICK)	Yes
KC approval	Yes
EAC (formerly Gost-R)	Yes; EAC
Suitable for safety functions	Yes; e.g. installation of emergency stop
<b>Ambient conditions</b>	
Ambient temperature during operation	
• min.	0 °C
• max.	50 °C
Ambient temperature during storage/transportation	
• min.	-20 °C
• max.	60 °C
Altitude during operation relating to sea level	
• Installation altitude above sea level, max.	2 000 m
Relative humidity	
• Operation, max.	90 %; no condensation
<b>Cables</b>	
Cable length	30 m; Max. for emergency stop
<b>Mechanics/material</b>	
Material	
• Aluminum	Yes
Enclosure material (front)	
• Aluminum	Yes; Knockout covered with black film
<b>Dimensions</b>	
Width	527 mm
Height	99 mm
Depth	100.65 mm
<b>Weights</b>	
Weight without packaging	2.8 kg
<b>Scope of supply</b>	
Delivery quantity in pieces	1
Components included	Power supply connectors and 8-pole plug-in connectors for safety-related inputs
<b>last modified:</b>	1/16/2021 