

Extension unit 12" PROFINET for mounting on all fully IP65-enclosed 16:9 HMI/IPC devices. For the flexible installation of operator controls, 6 mounting positions, 6 operator controls can be equipped; Connection via PROFINET (without equipment)



General information	
Product type designation	Extension Unit 12" PROFINET
Control elements	
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	6
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
<b>Input current</b>	
Current consumption (rated value)	150 mA; without load
<b>Power</b>	
Active power input, typ.	3 W; Additionally 0.1 W per control element with LED
<b>Interfaces</b>	
Number of industrial Ethernet interfaces	2; For the construction of lines and rings without external switch
Number of PROFINET interfaces	2; Incl. switch
<b>Protocols</b>	
PROFINET	Yes
<b>Redundancy mode</b>	
Media redundancy	
— MRP	Yes
<b>Test commissioning functions</b>	
Key and signal lamp test	Yes; automatically when switching on
<b>Degree and class of protection</b>	
IP65 (all-round)	Yes
NEMA (front)	
• Enclosure Type 4x at the front	Yes; All-round
<b>Standards, approvals, certificates</b>	
CE mark	Yes
UL approval	Yes
cULus	Yes
RCM (formerly C-TICK)	Yes
KC approval	Yes
Suitable for safety functions	Yes; e.g. installation of emergency stop
<b>Ambient conditions</b>	
<b>Ambient temperature during operation</b>	
• min.	0 °C
• max.	50 °C
<b>Ambient temperature during storage/transportation</b>	
• min.	-20 °C
• max.	60 °C
<b>Altitude during operation relating to sea level</b>	
• Installation altitude above sea level, max.	2 000 m
<b>Relative humidity</b>	
• Operation, max.	90 %; no condensation
<b>Cables</b>	
Cable length	30 m; Max. for emergency stop

Mechanics/material	
Material	Yes
• Aluminum	
Enclosure material (front)	Yes; Knockout covered with black film
• Aluminum	
Dimensions	
Width	313 mm
Height	99 mm
Depth	100.65 mm
Weights	
Weight without packaging	2.2 kg
Scope of supply	
Delivery quantity in pieces	1
Components included	Power supply connectors and 8-pole plug-in connectors for safety-related inputs
last modified:	05/13/2020