

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
Input current	
Current consumption (rated value)	150 mA; without load
Power	
Active power input, typ.	3 W; Additionally 0.1 W per control element with LED
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
Test commissioning functions	
Key and signal lamp test	Yes; automatically when switching on
Degree and class of protection	
IP (all-round)	IP65
NEMA (front)	
<ul style="list-style-type: none"> <li>Enclosure Type 4x at the front</li> </ul>	Yes; All-round
Standards, approvals, certificates	
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>	
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	313 mm
Height	99 mm
Depth	100.65 mm
<b>Weights</b>	
Weight (without packaging)	2.2 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

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