

SIMATIC S7-1200, SM1278 IO-Link, 4xIO-Link Master



Figure similar

General information	
Product type designation	SM 1278 4xIO-Link master
Supply voltage	
Rated value (DC)	Yes
<ul style="list-style-type: none"> <li>• 24 V DC</li> </ul>	
permissible range, upper limit (DC)	28.8 V
Power loss	
Power loss, typ.	1 W
Interrupts/diagnostics/status information	
Diagnostics function	Yes
Degree and class of protection	
Degree of protection acc. to EN 60529	Yes
<ul style="list-style-type: none"> <li>• IP20</li> </ul>	
Standards, approvals, certificates	
CE mark	Yes

CSA approval	Yes
UL approval	Yes
cULus	Yes
FM approval	Yes
RCM (formerly C-TICK)	Yes
KC approval	Yes
Marine approval	Yes

### Ambient conditions

#### Free fall

- Fall height, max. 0.3 m; five times, in product package

#### Ambient temperature during operation

- min. -20 °C
- max. 60 °C
- horizontal installation, min. -20 °C
- horizontal installation, max. 60 °C
- vertical installation, min. -20 °C
- vertical installation, max. 50 °C
- permissible temperature change 5°C to 55°C, 3°C / minute

#### Ambient temperature during storage/transportation

- min. -40 °C
- max. 70 °C

#### Air pressure acc. to IEC 60068-2-13

- Storage/transport, min. 660 hPa
- Storage/transport, max. 1 080 hPa

#### Relative humidity

- Operation at 25 °C without condensation, max. 95 %

### Connection method

required front connector	Yes
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### Mechanics/material

Enclosure material (front)	
• Plastic	Yes

### Dimensions

Width	45 mm
Height	100 mm
Depth	75 mm

### Weights

Weight, approx.	150 g
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**last modified:** 08/15/2019