



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)	24 V
permissible range, lower limit (DC)	20.4 V
permissible range, upper limit (DC)	28.8 V
Power loss	
Power loss, typ.	1 W
Interrupts/diagnostics/status information	
Diagnostics function	Yes
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	
<ul style="list-style-type: none"> <li>Fall height, max.</li> </ul>	0.3 m; five times, in product package
Ambient temperature during operation	
<ul style="list-style-type: none"> <li>min.</li> <li>max.</li> <li>horizontal installation, min.</li> <li>horizontal installation, max.</li> <li>vertical installation, min.</li> <li>vertical installation, max.</li> </ul>	-20 °C 60 °C -20 °C 60 °C -20 °C 50 °C
Ambient temperature during storage/transportation	
<ul style="list-style-type: none"> <li>min.</li> <li>max.</li> </ul>	-40 °C 70 °C
Air pressure acc. to IEC 60068-2-13	
<ul style="list-style-type: none"> <li>Storage/transport, min.</li> <li>Storage/transport, max.</li> </ul>	660 hPa 1 080 hPa
Relative humidity	

• Operation at 25 °C without condensation, max.

95 %

#### Connection method

required front connector Yes

#### Mechanics/material

Enclosure material (front)  
• Plastic Yes

#### Dimensions

Width 45 mm

Height 100 mm

Depth 75 mm

#### Weights

Weight, approx. 150 g

**last modified:** 3/14/2020 