



SIMATIC S7-1200,  
IO-LINK MASTER SM 1278,  
4 X IO-LINK MASTER IO-LINK MASTER V1.1

Supply voltage	
24 V DC	Yes
permissible range, upper limit (DC)	28.8 V
Power losses	
Power loss, typ.	1 W
Interrupts/diagnostics/status information	
Diagnostic messages	
Diagnostic functions	Yes
Degree and class of protection	
IP20	Yes
Standards, approvals, certificates	
RCM (former C-TICK)	Yes
FM approval	Yes
Climatic and mechanical conditions for storage and transport	
Climatic conditions for storage and transport	
Free fall	
Drop height, max. (in packaging)	0.3 m ; five times, in dispatch package
Temperature	

<b>Permissible temperature range</b>	-40 °C to +70 °C
<b>Air pressure acc. to IEC 60068-2-13</b>	
<b>Permissible air pressure</b>	1080 to 660 hPa
<b>Relative humidity</b>	
<b>Permissible range (without condensation) at 25 °C</b>	95 %
<b>Mechanical and climatic conditions during operation</b>	
<b>Climatic conditions in operation</b>	
<b>Temperature</b>	
<b>Permissible temperature range</b>	-20 °C to +60 °C horizontal mounting -20 °C to 50 °C vertical mounting 95% humidity, non-condensing
<b>Permissible temperature change</b>	5°C to 55°C, 3°C / minute
<b>Mechanics/material</b>	
<b>Type of housing (front)</b>	
<b>Plastic</b>	Yes
<b>Dimensions</b>	
<b>Width</b>	45 mm
<b>Height</b>	100 mm
<b>Depth</b>	75 mm
<b>Weights</b>	
<b>Weight, approx.</b>	150 g
Status	Mar 17, 2014