

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	
Degree of protection to EN 60529	
• IP20	Yes
Standards, approvals, certificates	
RCM (formerly 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	
— Permissible temperature range	-40 °C to +70 °C
Air pressure acc. to IEC 60068-2-13	
— Permissible air pressure	1080 to 660 hPa
Relative humidity	
— Permissible range (without condensation) at 25 °C	95 %

Mechanical and climatic conditions during operation

Climatic conditions in operation

Temperature	
— Permissible temperature range	-20 °C to +60 °C horizontal mounting, -20 °C to 50 °C vertical mounting, 95% humidity, non-condensing
— Permissible temperature change	5°C to 55°C, 3°C / minute

Connection method

required front connector	Yes
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Mechanics/material

Type of housing (front)	
• plastic	Yes

Dimensions

Width	45 mm
Height	100 mm
Depth	75 mm

Weights

Weight, approx.	150 g
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