



MSC800-1100

SYSTEM SOLUTIONS

SICK
Sensor Intelligence.



Ordering information

Type	part no.
MSC800-1100	1040385

Other models and accessories → www.sick.com/



Detailed technical data

Features

MTBF	> 80,000 h
MTTR	< 5 min, per component
System part	Logic unit with power supply unit (10 A), in the control cabinet 300 x 400 x 155 mm, without fan

Mechanics/electronics

Supply voltage	230 V AC
Power consumption	240 W

Interfaces

Connection types	
Serial (RS-232, RS-422/-485)	4
Ethernet	3
PROFIBUS DP	1
CAN bus	2
Digital switching inputs	14
Digital outputs	4
Relay outputs	2
USB	1
Service interface	1
Data transmission rate	
	0.3 kBaud ... 115.2 kBaud
	20 kbit/s ... 1 Mbit/s
	10 MBit/s / 100 MBit/s
Optical indicators	
	2 x LED per power supply module
	6 x LED fuse module (12 pole terminal block)
	48 x LED logic unit
Data protocol	
	SICK standard, application-specific protokoll on request
	TCP/IP
	PROFIBUS DP
	CANopen protocol, CAN-SENSOR network

Function	
	Data output, parameter set-up, analyses
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	PNP, configurable, opto isolated, reverse polarity protected
	PNP, configurable, short-circuit proof
	Potential-free

Ambient data

Ambient temperature, operation	0 °C ... +40 °C
Ambient temperature, storage	-20 °C ... +70 °C
Permissible relative humidity	95 %, Non-condensing

Certificates

EU declaration of conformity	✓
ACMA declaration of conformity	✓
China RoHS	✓
Information according to Art. 3 of Data Act (Regulation EU 2023/2854)	✓

Classifications

ECLASS 5.0	27280102
ECLASS 5.1.4	27280102
ECLASS 6.0	27280102
ECLASS 6.2	27280102
ECLASS 7.0	27280102
ECLASS 8.0	27280102
ECLASS 8.1	27280102
ECLASS 9.0	27280102
ECLASS 12.0	27280102
ETIM 5.0	EC002550
ETIM 6.0	EC002550
ETIM 8.0	EC002550
UNSPSC 16.0901	43211701

SICK AT A GLANCE

SICK is one of the leading manufacturers of intelligent sensors and sensor solutions for industrial applications. A unique range of products and services creates the perfect basis for controlling processes securely and efficiently, protecting individuals from accidents and preventing damage to the environment.

We have extensive experience in a wide range of industries and understand their processes and requirements. With intelligent sensors, we can deliver exactly what our customers need. In application centers in Europe, Asia and North America, system solutions are tested and optimized in accordance with customer specifications. All this makes us a reliable supplier and development partner.

Comprehensive services complete our offering: SICK LifeTime Services provide support throughout the machine life cycle and ensure safety and productivity.

For us, that is “Sensor Intelligence.”

WORLDWIDE PRESENCE:

Contacts and other locations –www.sick.com