



MSC800-1100

Track and Trace Controller

SYSTEM COMPONENTS

SICK
Sensor Intelligence.



Ordering information

Type	Part no.
MSC800-1100	1040385

Discontinuation for projects August 1.,2025.

Other models and accessories → www.sick.com/Track_and_Trace_Controller



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

Serial (RS-232, RS-422/-485)	✓ (4)
Function	Data output, parameter set-up, analyses
Data transmission rate	(0.3 kBaud ... 115.2 kBaud)
Protocol	SICK standard, application-specific protokoll on request
Electrical connection	Sub-D, 9-pin
Ethernet	✓ (3)
Function	Data output, parameter set-up, analyses
Data transmission rate	10 MBit/s / 100 MBit/s
Protocol	TCP/IP, FTP, half/full-duplex
Electrical connection	RJ45
PROFIBUS DP	✓
Function	Data output, parameter set-up, analyses
Data transmission rate	12 MBaud
Protocol	PROFIBUS DP
Electrical connection	Sub-D, 9-pin
CAN bus	✓ (2)
Data transmission rate	(20 kbit/s ... 1 Mbit/s)
Protocol	CANopen protocol, CAN-SENSOR network
Electrical connection	Cable gland
Digital switching inputs	✓ (14)
Function	PNP, configurable, opto isolated, reverse polarity protected

	Electrical connection	Cable gland
Digital outputs		✓ (4)
	Function	PNP, configurable, short-circuit proof
Relay outputs	Electrical connection	Cable gland
		✓ (2)
	Function	Potential-free
USB	Electrical connection	Cable gland
		✓
Service interface		Micro USB female connector, type B
	Electrical connection	✓
Optical indicators		Service socket
		2 x LED per power supply module 6 x LED fuse module (12 pole terminal block) 48 x LED logic unit

Ambient data

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

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