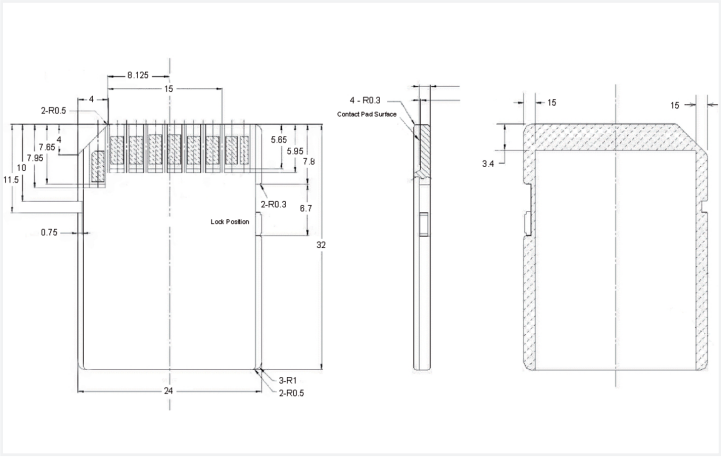
Data Sheet | Item Number: 758-879/000-001

Memory Card SD; SLC-NAND; 2 GByte; Temperature from -40 to 90 °C

https://www.wago.com/758-879/000-001





Dimensions in mm

The SD memory card replaces traditional storage media and is used to store customer data and boot projects, or to transport this data between devices. Thanks to its extended temperature range, the memory card can also be used in applications in up to 70 °C. The SLC flash technology used for this card and the wear leveling flash management process employed enhance the reliability and service life of the memory card – a vital requirement for use in industrial applications.
This memory card is compatible to the SD standard, enabling it to be used in any data processing system equipped with an SD slot.

The industrial memory card has the following system features:

- Storage capacity: 2 GB
- Single-Level Cell (SLC) NAND flash memory for enhanced service life and reliability
- Compatible to the SDA Physical Layer Specification, Version 2.0
- Error correction function: < 1 error per 10^{15} bits READ
- Statistical & dynamic wear leveling for enhancing reliability and availability
- Supports CPRM (Content Protection for Recordable Media)

Technical data	
Memory	2 GB (SLC)
Write/read cycles (max.)	17 MB/s / 20 MB/s
MTBF	4,000,000 h
Service life	per Cell: 100.000 write cycles

Physical data	
Width	24 mm
Height	32 mm
Depth	2.1 mm

Material data

Weight	5 g

Environmental requirements

Ambient temperature (operation)	-40 … +90 °C
Ambient temperature (storage)	-40 … +90 °C
Relative humidity (without condensation)	95 %
Vibration resistance	15g
Shock resistance	50g

Commercial data

PU (SPU)	1 pcs
Packaging type	Box
Country of origin	TW
GTIN	4050821007616
Customs tariff number	85235110000

Product Classification

UNSPSC	43202005
eCl@ss 10.0	19-15-07-02
eCl@ss 9.0	19-15-07-02
ETIM 9.0	EC001068
ETIM 10.0	EC001068
ECCN	NO US CLASSIFICATION

Environmental Product Compliance

RoHS Compliance Status	Compliant,No Exemption

Approvals / Certificates

General approvals

Approval	Standard	Certificate Name
EAC GZO Almaty Standart	TP TC 020/2011	EAC CoC 03083

Declarations of conformity and manufacturer's declarations

Approval	Standard	Certificate Name
EU-Declaration of Conformity WAGO GmbH & Co. KG	-	-
UK-Declaration of Conformity WAGO GmbH & Co. KG	-	-

Approvals for marine applications

Approval	Standard	Certificate Name
ABS American Bureau of Shipping	-	25-0415412
BV Bureau Veritas S.A.	-	30389/C0 BV
DNV DNV GL SE	DNV-CG-0339,Aug.2021	TAA0000194

Approvals for marine applications

LR Lloyds Register EMEA	-	LR22180952TA
PRS Polski Rejestr Statków	-	TE/1101/880590/23

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Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 758-879/000-001	

Documentation

Bid Text

758-879/000-001	27.11.2018	docx 16.46 KB	
758-879/000-001	19.02.2019	xml 4.32 KB	

Application Notes

Application Note e!COCKPIT

eCOCKPIT Application Note WagoAppDatalogger	1.0.3 06.12.2021	pdf 1353.81 KB	

Application note, other

Application Note WAGO Visualization Datalogger (a2022005)	20260622 29.06.2026	zip 5091.71 KB	

CAD/CAE-Data

CAE data

EPLAN Data Portal 758-879/000-001	
WSCAD Universe 758-879/000-001	