

Railway suitable USB-Stick ZU102x

Over the last few years, the USB stick has more and more replaced the CD-ROM as a mass storage device for exchanging data. GERSYS offers a range of high-quality USB drives that meet the increased railway requirements with its ZU102x. The area of use ranges from reading out data to installing programs to recovery of the operating system, if required including the application program. The SLC-FLASH offers high writing and reading rates at high data safety. M12 connectors that may be uncommon in consumer applications but that convince with their reliability and high number of mating cycles are used. Long-term availability of the railway-capable USB drives is ensured.



At a glance

- Ruggedized M12 connector
- high quality SLC (Single Level Cell) technology
- high read and write rates
- USB 1.1 und 2.0 compatible
- extended temperature range
- worldwide thousands in use
- optional: CD-ROM emulation

Specifications

Specifications	ZU102x
Connector	M12, 5 pin, A coded
Storage	SLC (Single Level Cells) Flash memory 2 GB up to 8 GB
Speed	Write max 12 MB/s, read max. 14 MB/s
Data retention	> 10 years without power supply
Operating temperature	-40°C up to +85°C
Protection	IPx8
Drivers	No drivers necessary for: ≥ Windows 98 ≥ Linux Kernel 2.4.0 ≥ Mac OS 9.x
Standards / Norms	EN 50155
Dimensions	62 x 19 mm
Options (on request)	Firmware - CD-ROM emulation* Custom housing Different connectors (e.g. M12 B coded etc.)

*CD-ROM emulation:

As an ordering option, the USB sticks are available with special firmware „CD-ROM emulation“. With this firmware the sticks are enabled to get detected by the operating system as a (non-writeable) CD-ROM drive. This prevents a malware infection of the USB sticks and to spread it unintentionally. Writing on those USB sticks is only possible with an ISO image generated by a special software, provided by GERSYS.

Contact

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