

USB Data Components



Our USB Data Components enable your Bosch device to store data on a USB flash drive. We offer a rugged USB flash drive, a mating connector to the car loom side and an adapter cable to USB-port. The rugged USB flash drive is securely mounted within a rugged brass housing designed to provide full protection against extreme environmental conditions. It is IP68 protected and resistant to extreme operating temperatures (-30 to 85°C). The USB flash drive is equipped with a rugged protection cap.

Application

Operating temperature range	-30 to 85°C
Protection class	IP68
Tightening torque of Backnut for connection socket	1.5 to 2.0 Nm
Max. vibration	Vibration Profile 3 (see Downloads or www.bosch-motorsport.com)

Technical Specifications

Mechanical Data USB flash drive

Housing material	Brass
Weight	42 g
Length	72 mm
Bore diameter	15.5 mm

Electrical Data

Capacity	32 GB
Specification	USB 1.1/2.0
Data rate	USB 2.0 up to 480 MBit/s

- ▶ Capacity 32 GB
- ▶ Robust brass housing
- ▶ High performance push-pull connector
- ▶ Compatible with ECUs, VCUs, DDUs, Data Loggers, ...

Connectors and Wires

Pin layout for connection to vehicle loom (see also Dimensions)

Pin 1	Data -
Pin 2	+5 V
Pin 3	GND
Pin 4	Data +

USB Data Components

- Rugged USB flash drive
- Mating connector for USB flash drive on car loom side
- Adapter cable to PC USB-Port

Installation Notes

The USB flash drive should be fixed on a soft surface to reduce stress.

Legal Restrictions

The sale of this product in Mexico is prohibited. Due to embargo restrictions, sale of this product in Russia, Belarus, Iran, Syria, and North Korea is prohibited.

Ordering Information

Rugged USB flash drive

Order number **F02U.V03.534-01**

Connector for USB flash drive on car loom side

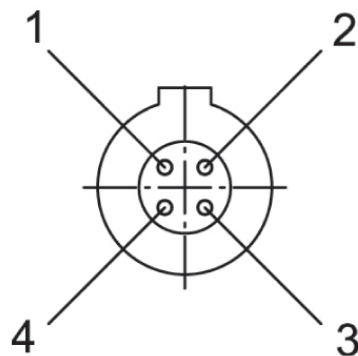
Order number **F02U.002.996-01**

Adapter cable to PC USB-Port

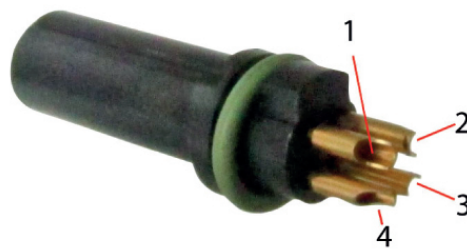
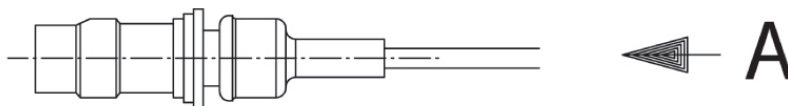
Order number **F02U.V01.343-01**

Dimensions

View A



- 1: Data-
- 2: +5V
- 3: GND
- 4: Data+



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