

# 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 1 (see Downloads or <a href="http://www.bosch-motorsport.com">www.bosch-motorsport.com</a> )

## 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, DDU's, 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**

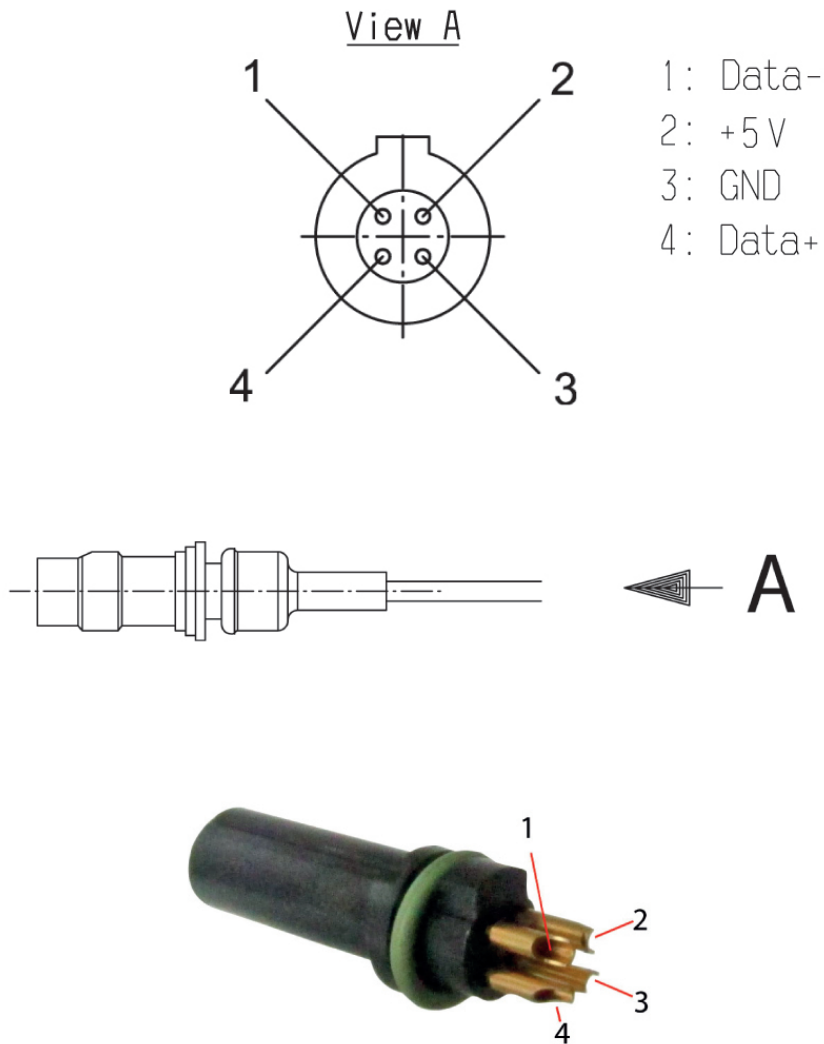
### Connector for USB flash drive on car loom side

Order number **F02U.002.996-01**

### Adapter cable to PC USB-Port

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

## Dimensions



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