

USB Kit



The USB Kit enables your DDU, data logger or VCU to store data on a USB flash drive. The Kit includes a rugged USB flash drive, an adapter cable to USB-port and a connection socket to the wiring harness. A key number to unlock the USB-port is also part of the Kit.

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 Appendix or www.bosch-motorsport.com)

Technical Specifications

Mechanical Data

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

Electrical Data

Capacity	2 GB
Specification	USB 1.1/2.0

- Capacity 2 GB
- Robust brass housing
- High performance push-pull connector
- Compatible with Data Loggers, Displays and VCUs

Data rate	USB 2.0 up to 480 MBit/s
-----------	--------------------------

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 +

Content of the Kit

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

Installation Notes

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

Ordering Information

USB Kit

Order number **F02U.V02.214-01**

Accessories

Rugged USB flash drive

Order number **F02U.V01.342-03**

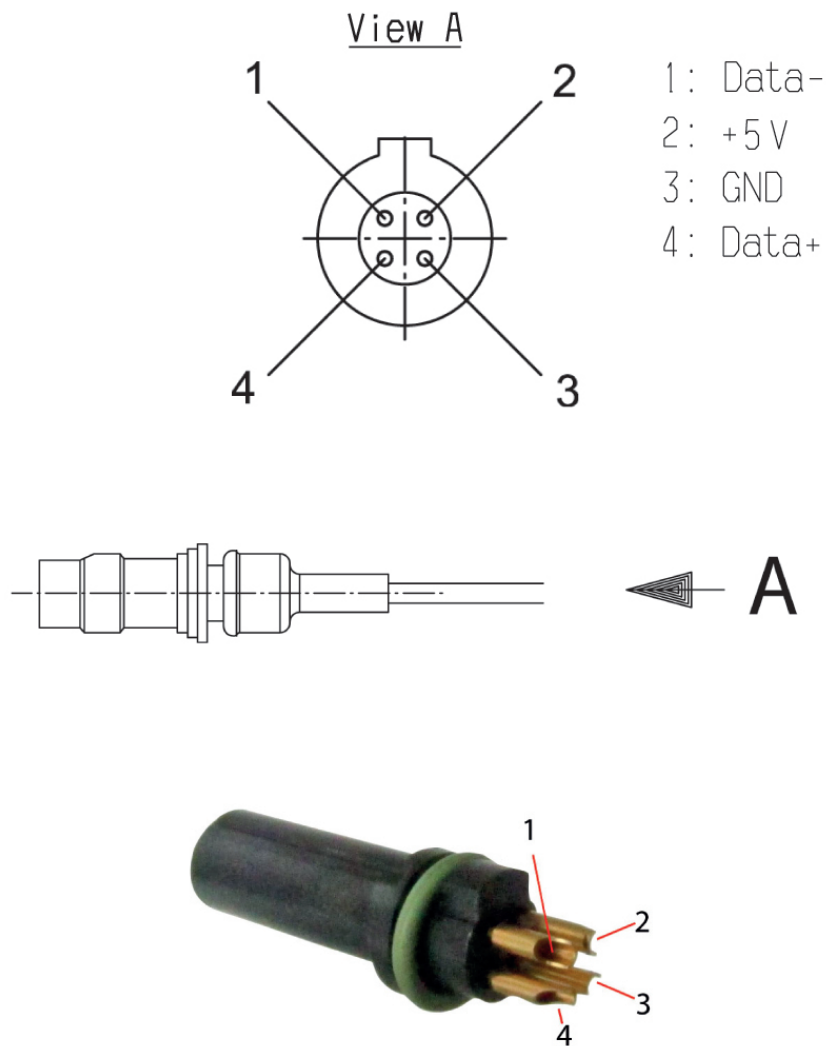
Mating connector for USB flash drive on car loom side

Order number **F02U.002.996-01**

Adapter cable to PC USB-Port

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

Dimensions



Represented by:

Europe:
Bosch Engineering GmbH
Motorsport
Robert-Bosch-Allee 1
74232 Abstatt
Germany
Tel.: +49 7062 911 9101
Fax: +49 7062 911 79104
motorsport@bosch.com
www.bosch-motorsport.de

North America:
Bosch Engineering North America
Motorsport
38000 Hills Tech Drive
Farmington Hills, MI 48331-3417
United States of America
Tel.: +1 248 876 2977
Fax: +1 248 876 7373
motorsport@bosch.com
www.bosch-motorsport.com

Asia-Pacific:
Bosch Engineering Japan K.K.
Motorsport
18F Queen's Tower C, 2-3-5 Minato
Mirai Nishi-ku, Yokohama-shi
Kanagawa 220-6218
Japan
Tel.: +81 45 650 5610
Fax: +81 45 650 5611
www.bosch-motorsport.jp

Australia, New Zealand and South Africa:
Robert Bosch Pty. Ltd
Motorsport
1555 Centre Road
Clayton, Victoria, 3168
Australia
Tel.: +61 (3) 9541 3901
motor.sport@au.bosch.com