

## ESI files change-log of new features, bug fixes and new supported modules of the u-remote field bus coupler: 1334910000 - UR20-FBC-EC (all hardware versions)

### **Version 0044 (UR20-FBC) / 0048 (UR20-IO-Modules) Release: May 2019**

Coupler file: Weidmueller\_UR20\_FBC.xml  
 Module file: UR20-IO-Modules\Weidmueller\_UR20\_IO.xml  
 Compatible firmware: 01.08.00

#### **Bug fixes:**

- Corrected order number of UR20-4AI-UI-16-DIAG

### **Version 0044 (UR20-FBC) / 0047 (UR20-IO-Modules) Release: March 2019**

Coupler file: Weidmueller\_UR20\_FBC.xml  
 Module file: UR20-IO-Modules\Weidmueller\_UR20\_IO.xml  
 Compatible firmware: 01.08.00

#### **New features:**

From now on only one ESI package will be offered for download which inherits all features from the former TwinCAT package. An ESI package without the optional object 0x8nn0:0x03 will still be available on request.

#### **Bug fixes:**

- UR20-1SM-50W-6DI2DO-P is now compatible to Omron Sysmac Studio

### **Version 0043 (UR20-FBC) / 0045 (UR20-IO-Modules) Release: July 2018**

Available file packages (please install only one of them): TwinCAT or Standard (see also: "Release: May 2015")  
 Coupler file: Weidmueller\_UR20\_FBC\_{package name}.xml  
 Module file: UR20-IO-Modules\Weidmueller\_UR20\_IO\_{package name}.xml  
 Compatible firmware: 01.08.00

#### **New supported modules:**

- 2489830000 UR20-1SM-50W-6DI2DO-P
- 2544660000 UR20-4AI-UI-DIF-32-DIAG
- 1315740000 UR20-4COM-IO-LINK
- 2555940000 UR20-8AI-RTD-DIAG-2W
- 2456530000 UR20-8DIO-P-3W-DIAG

### **Version 0040 (UR20-FBC) / 0043 (UR20-IO-Modules) Release: December 2017**

Available file packages (please install only one of them): TwinCAT or Standard (see also: "Release: May 2015")  
 Coupler file: Weidmueller\_UR20\_FBC\_{package name}.xml  
 Module file: UR20-IO-Modules\Weidmueller\_UR20\_IO\_{package name}.xml  
 Compatible firmware: 01.06.00

#### **New supported modules:**

- 2457250000 UR20-4DO-ISO-4A
- 2457240000 UR20-8DI-ISO-2W
- 2464580000 UR20-4DI-4DO-PN-FSOE-V2  
 previous version 1529780000 - UR20-4DI-4DO-PN-FSOE is no longer supported
- 2464600000 UR20-8DI-PN-FSOE-V2  
 previous version 1529800000 - UR20-8DI-PN-FSOE is no longer supported

### **Version 0035 (UR20-FBC) / 0040 (UR20-IO-Modules) Release: May 2017**

Available file packages (please install only one of them): TwinCAT or Standard (see also: "Release: May 2015")  
 Coupler file: Weidmueller\_UR20\_FBC\_{package name}.xml  
 Module file: UR20-IO-Modules\Weidmueller\_UR20\_IO\_{package name}.xml  
 Compatible firmware: 01.05.00

#### **New supported modules:**

- 2456540000 UR20-4AI-RTD-HP-DIAG
- 2453880000 UR20-4AO-UI-16-M
- 2453870000 UR20-4AO-UI-16-M-DIAG

**Version 0031 (UR20-FBC) / 0037 (UR20-IO-Modules)**
**Release: October 2016**

Available file packages (please install only one of them): TwinCAT or Standard (see also: "Release: May 2015")

Coupler file: Weidmueller\_UR20\_FBC\_{package name}.xml  
 Module file: UR20-IO-Modules\Weidmueller\_UR20\_IO\_{package name}.xml  
 Compatible firmware: 01.01.00

**New supported module:**

- 1990070000 UR20-2AI-SG-DIAG

**Version 0029 (UR20-FBC) / 0036 (UR20-IO-Modules)**
**Release: June 2016**

Available file packages (please install only one of them): TwinCAT or Standard (see also: "Release: May 2015")

Coupler file: Weidmueller\_UR20\_FBC\_{package name}.xml  
 Module file: UR20-IO-Modules\Weidmueller\_UR20\_IO\_{package name}.xml  
 Compatible firmware: 01.00.49

**New supported modules:**

- 2001670000 UR20-4AI-R-HS-16-DIAG
- 2007420000 UR20-3EM-230V-AC
- 1993880000 UR20-4AI-UI-DIF-16-DIAG
- 1315450000 UR20-16DO-N-PLC-INT

**Version 0028 (UR20-FBC) / 0035 (UR20-IO-Modules)**
**Release: December 2015**

Available file packages (please install only one of them): TwinCAT or Standard (see also: "Release: May 2015")

Coupler file: Weidmueller\_UR20\_FBC\_{package name}.xml  
 Module file: UR20-IO-Modules\Weidmueller\_UR20\_IO\_{package name}.xml  
 Compatible firmware: 01.00.45

**New supported modules:**

- 1938600000 SAI-AU M8 SB 8DI (via UR20-1COM-SAI-PRO)
- 1938630000 SAI-AU M8 SB 8DIO (via UR20-1COM-SAI-PRO)
- 1938660000 SAI-AU M8 SB 8DO 2A (via UR20-1COM-SAI-PRO)
- 1938730000 SAI-AU M12 SB 2Counter (via UR20-1COM-SAI-PRO)
- 1938690000 SAI-AU M12 SB 4AI (via UR20-1COM-SAI-PRO)
- 1938700000 SAI-AU M12 SB 4AO (via UR20-1COM-SAI-PRO)
- 1938710000 SAI-AU M12 SB 4PT100 (via UR20-1COM-SAI-PRO)
- 1938720000 SAI-AU M12 SB 4THERMO (via UR20-1COM-SAI-PRO)
- 1938610000 SAI-AU M12 SB 8DI (via UR20-1COM-SAI-PRO)
- 1938640000 SAI-AU M12 SB 8DIO (via UR20-1COM-SAI-PRO)
- 1938680000 SAI-AU M12 SB 8DO 2A (via UR20-1COM-SAI-PRO)
- 1315440000 UR20-16DO-N
- 1315750000 UR20-1COM-232-485-422
- 2007430000 UR20-1COM-SAI-PRO
- 2009360000 UR20-4DI-P-3W

**Version 0027 (UR20-FBC) / 0032 (UR20-IO-Modules)**
**Release: August 2015**

Available file packages (please install only one of them): TwinCAT or Standard (see also: "Release: May 2015")

Coupler file: Weidmueller\_UR20\_FBC\_{package name}.xml  
 Module file: UR20-IO-Modules\Weidmueller\_UR20\_IO\_{package name}.xml  
 Compatible firmware: 01.00.40

**New features:**

- FSOE support

**New supported modules:**

- 1529780000 UR20-4DI-4DO-PN-FSOE
- 1529800000 UR20-8DI-PN-FSOE

**Version 0025 (UR20-FBC) / 0032 (UR20-IO-Modules)**
**Release: May 2015**

Available file packages (please install only one of them): TwinCAT or Standard

Coupler file: Weidmueller\_UR20\_FBC\_{package name}.xml  
 Module file: UR20-IO-Modules\Weidmueller\_UR20\_IO\_{package name}.xml  
 Compatible firmware: 01.00.37

**New features:**

- Introducing two separate ESI packages “TwinCAT” and “Standard” to improve compatibility to some older versions of engineering tools
  - TwinCAT package module file contains optional Module Identification Object 0x8nn0:0x03 “Name string” of data type “VISIBLE-STRING”
  - Standard package does not contain object 0x8nn0:0x03 but is otherwise identical to TwinCAT package

**Bug fixes:**

- Improved compatibility to Omron Sysmac Studio

**New supported modules:**

- 1315580000 UR20-1CNT-500
- 1508090000 UR20-1SSI
- 1550070000 UR20-4DI-2W-230V-AC
- 1315350000 UR20-4DI-N
- 1315410000 UR20-4DO-N
- 1315420000 UR20-4DO-N-2A
- 1315370000 UR20-8DI-N-3W
- 1315430000 UR20-8DO-N
- 1315390000 UR20-16DI-N
- 1315400000 UR20-16DI-N-PLC-INT

**Version 0023 (UR20-FBC) / 0031 (UR20-IO-Modules)**
**Release: November 2014**

Coupler file: Weidmueller\_UR20\_FBC.xml  
 Module file: UR20-IO-Modules\Weidmueller\_UR20\_IO.xml  
 Compatible firmware: 01.00.36

**New supported modules:**

- 1506930000 4AO-UI-16-DIAG-HD
- 1510690000 4AO-UI-16-HD
- 1315720000 8AI-I-16-DIAG-HD
- 1315650000 8AI-I-16-HD
- 1509830000 8DO-P-2W-HD

**Version 0022 (UR20-FBC) / 0028 (UR20-IO-Modules)**
**Release: October 2014**

Coupler file: Weidmueller\_UR20\_FBC.xml  
 Module file: UR20-IO-Modules\Weidmueller\_UR20\_IO.xml  
 Compatible firmware: 01.00.36

**New supported module:**

- 1508080000 UR20-2FCNT-100

**Version 0022 (UR20-FBC) / 0026 (UR20-IO-Modules)**
**Release: September 2014**

Coupler file: Weidmueller\_UR20\_FBC.xml  
 Module file: UR20-IO-Modules\Weidmueller\_UR20\_IO.xml  
 Compatible firmware: 01.00.33

**New supported modules:**

- 1335030000 UR20-PF-O-1DI-SIL
- 1335040000 UR20-PF-O-2DI-DELAY-SIL
- 1335050000 UR20-PF-O-2DI-SIL

**Version 0021 (UR20-FBC) / 0024 (UR20-IO-Modules)****Release: June 2014**

Coupler file: Weidmueller\_UR20\_FBC.xml  
Module file: UR20-IO-Modules\Weidmueller\_UR20\_IO.xml  
Compatible firmware: 01.00.33

**New supported modules:**

- 1506910000 UR20-4AI-UI-16-DIAG-HD
- 1315690000 UR20-4AI-UI-16-DIAG
- 1506920000 UR20-4AI-UI-16-HD
- 1315730000 UR20-4AO-UI-16-DIAG
- 1315180000 UR20-8DI-P-2W
- 1315190000 UR20-8DI-P-3W-HD

**Version 0020 (UR20-FBC) / 0021 (UR20-IO-Modules)****Release: December 2013**

Coupler file: Weidmueller\_UR20\_FBC.xml  
Module file: UR20-IO-Modules\Weidmueller\_UR20\_IO.xml  
Compatible firmware: 01.00.32

**New feature:**

- Change of file names to match Weidmüller product name conventions

**Version 0015 (UR20-FBC) / 0017 (UR20-IO-Modules)****Release: November 2013**

Coupler file: bRK\_vAA.BB\_ESI\_FBC-EC.xml  
Module file: bRK-FBC-EC-Modules\bRK\_vAA.BB\_ESI-MODU\_FBC-EC\_release.xml  
Compatible firmware: 01.00.29

First released version

**Supported modules:**

- 1315570000 UR20-1CNT-100-1DO
- 1315590000 UR20-2CNT-100
- 1460140000 UR20-2DI-P-TS
- 1315600000 UR20-2PWM-0.5A
- 1315610000 UR20-2PWM-2A
- 1315700000 UR20-4AI-RTD-DIAG
- 1315710000 UR20-4AI-TC-DIAG
- 1315620000 UR20-4AI-UI-16
- 1394390000 UR20-4AI-UI-12
- 1315680000 UR20-4AO-UI-16
- 1315170000 UR20-4DI-P
- 1460150000 UR20-4DI-P-TS
- 1315220000 UR20-4DO-P
- 1315230000 UR20-4DO-P-2A
- 1394420000 UR20-4DO-PN-2A
- 1315550000 UR20-4RO-CO-255
- 1315540000 UR20-4RO-SSR-255
- 1315670000 UR20-8AI-I-PLC-INT
- 1394400000 UR20-8DI-P-3W
- 1315240000 UR20-8DO-P
- 1315200000 UR20-16DI-P
- 1315210000 UR20-16DI-P-PLC-INT
- 1315250000 UR20-16DO-P
- 1315270000 UR20-16DO-P-PLC-INT