



# TYPE APPROVAL CERTIFICATE

Polish Register of Shipping certifies that the undernoted product type

**I/O SYSTEM „U-REMOTE”**

**UR20-...**

issued to

**Weidmueller Interface GmbH & Co. KG  
Klingenbergstraße 16  
32758 Detmold  
Germany**

is approved as complying with the requirements of the

PRS Rules and is suitable for use on board of Ships classified by PRS.

Certificate No. **TE/2257/880590/19**

Expiry date **2024-10-20**

Issued at

**Gdańsk, 2019-10-21**



**C/020/57**

*[Handwritten Signature]*  
Signature

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Continued overleaf

**Product description**

The modular u-remote systems supports common fieldbus systems.  
Up to 64 active I/O modules can be combined in a u-remote station.  
The following components belong to the u-remote product series:

- Fieldbus coupler (gateway);
- Active I/O modules;
- Passive I/O modules;
- Functional safety modules;
- Mechanical fixing elements (end bracket, end plate).

**Technical data**

Operating voltage: 24 V d.c.  
Enclosure protection degree: IP20.  
Maximum permissible ambient temperature: 70°C.  
Type of connection: push-in.

**Type designation**

See Appendix to this Certificate.

**Basis of approval**

1. The technical documentation approved by PRS on 2019-09-04.
2. The Quality Management System (ISO9001) Certificates No. 503042752/7 issued by Dekra.
3. Reports from environmental tests carried out acc. to PRS Publication 11/P.
4. PRS Survey Report No. TM/PU/04/19 issued on 2019-04-24.
5. The inspection of the production process and quality control system carried out on 2019-04-24.
6. Tests carried out in presence of PRS Surveyor on 2019-04-24.

**Additional conditions and remarks:**

1. Each product is to be marked with: manufacturer name, type, serial number, rated voltage.
2. The condition for maintain validity of this Certificate is to maintain validity of a.m. ISO9001 Certificate.
3. This Type Approval is only for hardware.

**Notes**

- 1 The approval is valid only when the product is used in accordance with the manufacturer's conditions.
- 2 Changes of product design and materials which influence product quality are to be agreed with PRS.
- 3 Type Approval Certificate will be cancelled in the case of dissatisfactory service results, modifications made in the product structure or materials without PRS' consent, not advising PRS of the manufacturer's name change.

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<b><u>Fieldbus coupler</u></b>	<b><u>Hardware version</u></b>
UR20-FBC-PL	01.03.xx
UR20-FBC-CAN	01.03.xx
UR20-FBC-PN-IRT	01.05.xx
UR20-FBC-MOD-TCP-V2	01.03.xx
UR20-FBC-EIP	02.01.xx
UR20-FBC-EC	02.02.xx
UR20-FBC-PB-DP	01.13.xx

<b><u>AUX module</u></b>	<b><u>Hardware version</u></b>
UR20-16AUX-I	01.02.xx
UR20-16AUX-O	01.01.xx
UR20-16AUX-FE	01.02.xx
UR20-16AUX-GND-I	01.02.xx
UR20-16AUX-GND-O	01.02.xx

<b><u>Digital Input module</u></b>	<b><u>Hardware version</u></b>
UR20-2DI-P-TS	01.01.xx
UR20-4DI-P	01.02.xx
UR20-4DI-P-3W	01.00.xx
UR20-4DI-P-TS	01.01.xx
UR20-8DI-P-2W	01.01.xx
UR20-8DI-P-3W	01.31.xx
UR20-8DI-P-3W-HD	01.00.xx
UR20-16DI-P	01.01.xx
UR20-16DI-P-PLC-INT	01.02.xx
UR20-4DI-N	01.10.xx
UR20-8DI-N-3W	01.30.xx
UR20-16DI-N	01.01.xx
UR20-16DI-N-PLC-INT	01.11.xx

<b><u>Digital Output module</u></b>	<b><u>Hardware version</u></b>
UR20-4DO-P	01.20.xx
UR20-4DO-P-2A	01.11.xx
UR20-8DO-P	01.01.xx
UR20-16DO-P	01.03.xx
UR20-8DO-P-2W-HD	01.00.xx
UR20-16DO-P-PLC-INT	01.13.xx
UR20-4DO-N	01.00.xx
UR20-4DO-N-2A	01.00.xx
UR20-8DO-N	01.00.xx
UR20-16DO-N	01.10.xx
UR20-16DO-N-PLC-INT	01.01.xx
UR20-4DO-PN-2A	01.02.xx

**Digital Output module**                      **Hardware version**

UR20-4RO-SSR-255                      01.10.xx  
UR20-4RO-CO-255                      01.03.xx

**Digital Input module**                      **Hardware version**

UR20-4DI-2W-230V-AC                      01.10.xx

**Power measurement module**                      **Hardware version**

UR20-3EM-230V-AC                      01.40.xx

**Analog Input module**                      **Hardware version**

UR20-4AI-UI-12                      01.20.xx  
UR20-4AI-UI-16                      01.20.xx  
UR20-4AI-UI-16-DIAG                      01.20.xx  
UR20-4AI-UI-DIF-16-DIAG                      01.20.xx  
UR20-4AI-RTD-DIAG                      01.02.xx  
UR20-4AI-TC-DIAG                      01.02.xx  
UR20-2AI-SG-24-DIAG                      01.02.xx

**Analog Output module**                      **Hardware version**

UR20-4AO-UI-16-M                      01.00.xx  
UR20-4AO-UI-16-M-DIAG                      01.00.xx

**Power-Feed module**                      **Hardware version**

UR20-PF-I                      01.01.xx  
UR20-PF-O                      01.01.xx

**Counter module**                      **Hardware version**

UR20-2FCNT-100                      00.91.xx  
UR20-2CNT-100                      00.90.xx  
UR20-1CNT-100-1DO                      00.91.xx  
UR20-1CNT-500                      01.00.xx

**Communication module**                      **Hardware version**

UR20-1COM-232-422-485                      01.06.xx  
UR20-1SSI                      01.00.xx

**Empty slot module**                      **Hardware version**

UR20-ES                      01.00.xx