

UR20-FBC-PB-DP-V2**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Product image, Similar to illustration

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**More performance. Simplified.
u-remote.**

Weidmüller u-remote – our innovative remote I/O concept with IP 20 which focuses purely on user benefits: tailored planning, faster installation, safer start-up, no more downtime. For considerably improved performance and greater productivity.

Reduce the size of your cabinets with u-remote, thanks to the narrowest modular design on the market and the need for fewer power-feed modules. Our u-remote technology also offers tool-free assembly, while the modular "sandwich" design and integrated web server speed up installation, both in the cabinet and machine. Status LEDs on the channel and each u-remote module enable reliable diagnosis and rapid service.

This and many other amazing ideas boost the availability of your machines and systems. And ensure smooth processes too. From planning to operation.

u-remote stands for "More Performance". Simplified

General ordering data

Version	Remote I/O fieldbus coupler, IP20, PROFIBUS DP-V1
Order No.	2614380000
Type	UR20-FBC-PB-DP-V2
GTIN (EAN)	4050118624977
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Depth	76 mm	Depth (inches)	2.992 inch
Height	120 mm	Height (inches)	4.724 inch
Mounting dimension - height	128 mm	Net weight	247 g
Width	52 mm	Width (inches)	2.047 inch

Temperatures

Storage temperature	-40 °C ... +85 °C	Operating temperature	-20 °C ... +60 °C
Humidity	10...90 %, no condensation		

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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Connection data

Type of connection	PUSH IN	Wire connection cross section, finely stranded, max.	1.5 mm ²
Wire connection cross section, finely stranded, min.	0.14 mm ²	Wire cross-section, finely stranded, max. (AWG)	AWG 16
Wire cross-section, finely stranded, min. (AWG)	AWG 26	Wire cross-section, solid, max.	1.5 mm ²
Wire cross-section, solid, max. (AWG)	AWG 16	Wire cross-section, solid, min.	0.14 mm ²
Wire cross-section, solid, min. (AWG)	AWG 26		

General data

Air humidity (operation)	10% to 95%, non-condensing as per DIN EN 61131-2		
Air humidity (storage)	10% to 95%, non-condensing as per DIN EN 61131-2		
Air humidity (transport)	10% to 95%, non-condensing as per DIN EN 61131-2		
Air pressure (operation)	≥ 795 hPa (height ≤ 2000 m) as per DIN EN 61131-2		
Air pressure (storage)	1013 hPa (height 0 m) to 700 hPa (height 3000 m) as per DIN EN 61131-2		
Air pressure (transport)	1013 hPa (height 0 m) to 700 hPa (height 3000 m) as per DIN EN 61131-2		
Pollution severity	2		
Rail	TS 35		
Restricted area	Positive expansion	Y coordinate	160 mm
		X coordinate	83.5 mm
		Z coordinate	85 mm
	Negative expansion	Y coordinate	-40 mm
		Z coordinate	0 mm
		X coordinate	-28 mm
	Type of restricted area thermal		
Shock	15 g over 11 ms, half sinus wave, acc. to IEC 60068-2-27		
Surge voltage category	II		
Test voltage	500 V		
Vibration resistance	5 Hz ≤ f ≤ 8.4 Hz: 3.5-mm amplitude as per IEC 60068-2-6, 8.4 Hz ≤ f ≤ 150 Hz: 1 g acceleration as per IEC 60068-2-6		

Power supply

Current consumption from I _{IN} (power segment of the field bus coupler), typ.	90 mA
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Technical data

Current consumption from I_{IN} (power segment of the fieldbus coupler), typ.	min.	90 mA
	max.	90 mA
	nominal	90 mA
Feed current for I_{IN} (input current path)	min.	10,000 mA
	max.	10,000 mA
	nominal	10,000 mA
Feed current for I_{IN} (input current path), max.	10 A	
Feed current for I_{OUT} (output current path)	min.	10,000 mA
	max.	10,000 mA
	nominal	10,000 mA
Feed current for I_{OUT} (output current path), max.	10 A	
Feed current for the system, max.	4 A	
Supply voltage for outputs	24 V DC +20 %/ -15 %	
Supply voltage system and inputs	24 V DC +20 %/ -15 %	
Voltage supply	24 V DC +20 %/ -15 %, via the system bus	

System data

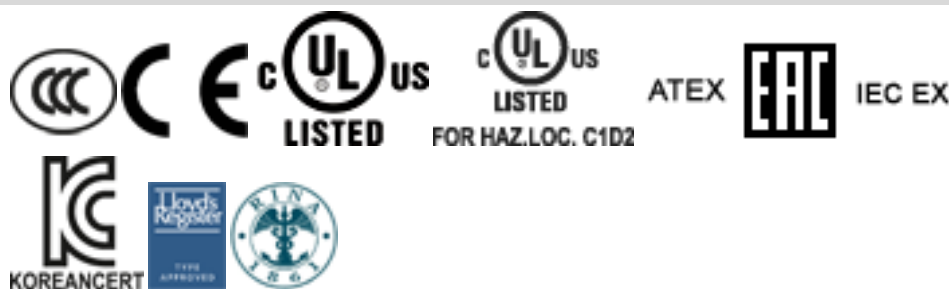
Connection type	9-pole SUB-D socket (female)	Diagnostic data	244 Byte
Field bus protocol	PROFIBUS DP-V1	Galvanic isolation	Yes, between field and system bus
Interface	u-remote system bus	Module type	Bus coupler
Parameter data	244 Byte	Process data	488 Byte
Transmission rate of field bus, max.	12 Mbit/s	Transmission speed of system bus, max.	48 Mbit
max. number of modules	64 ST		

Classifications

ETIM 6.0	EC001603	ETIM 7.0	EC001603
ECLASS 9.0	27-24-26-07	ECLASS 9.1	27-24-26-07
ECLASS 10.0	27-24-26-07	ECLASS 11.0	27-24-26-07

Approvals

Approvals



ROHS	Conform
UL File Number Search	E141197

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Engineering Data	Siemens - Step 7 Siemens - TIA Portal STEP
Product Change Notification	Release-Notes - GSD Release-Notes - Firmware and Supported modules list
Software	Language Pack UR20_FBC Current GSD file PROFIBUS V2 coupler USB driver CPD-Tool (PROFIsafe parameter-checksum-generator) Current Firmware file Profibus-DP coupler HW2 Archiv Firmware file Profibus-DP coupler HW2 Archiv GSD file PROFIBUS V2 coupler
User Documentation	MAN_U-REMOTE_DE MAN_U-REMOTE_EN MAN_U-REMOTE_FS_DE MAN_U-REMOTE_FS_EN MAN_UR20_WEBSERVER_DE MAN_UR20_WEBSERVER_EN
Brochure/Catalogue	Catalogues in PDF-format