

Modular 1-Wire Interface Cable

RT-1WM-IF1 / RT-O-1WM-IF2

The modular 1-Wire interface cable connects the RTCU unit to the modular 1-Wire network.

As modular 1-Wire is based on standard RJ45 UTP cable technology with splitters/combiners only the interface cable to the unit is required. All other modular 1-Wire parts are common for all devices.



The modular 1-wire interface cable makes the physical bridge to the modular 1-Wire network. The modular network can easily be customized with the use of standard RJ-45 splitters and combiners to achieve the needed 1-Wire network. Multiple 1-Wire devices such as temperature sensors and ID-Button readers can be connected to one RTCU unit. The Modular 1-Wire interface cable is available in two versions: For the MX2i series (RT-O-1WM-IF2) and for the DX4/AX9 series (RT-O-1WM-IF2).

The modular 1-Wire interface are delivered with a RJ-45 connector for easy connection to a combiner if only a single 1-Wire device is connected. For multiple 1-Wire devices a splitter can be used. No external power supply is required as the 1-Wire devices derives power directly from the 1-Wire bus simplifying installation.

For a complete overview of RTCU X32 units supporting the 1-Wire interface please refer to the relevant datasheet or technical manual.

Key features:

- ❖ Utilizes standard RJ45 UTP technology.
- ❖ Unique ID-Button reading
- ❖ Maxim 1-Wire interface
- ❖ Easy and flexible installation with combiners/splitters
- ❖ Multiple 1-Wire devices on the same bus
- ❖ No power supply requirements

	Min	Typ	Max	
Temperature range	-40	-	+70	°C
Communication interface	Maxim 1-Wire			
Maximum connected sensors			32	
Maximum connected readers			1	
Cable length		25		cm

Technical data subject to change

For more information:

Web: www.logicio.com

Email: info@logicio.com

Version 1.00