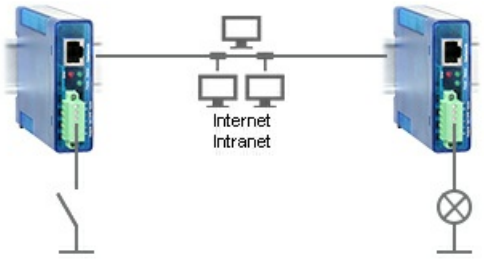
Applications for the Web-IO Digital / Box-to-Box

Tunnel switching signals next door or half-way around the world

Switching signals are often needed someplace other than where they originate. Connecting switching outputs with the components to be switched across locations
involves a lot of cabling effort - especially when multiple signals need to be sent.



Cable losses and cross-talk problems mean that switching signals cannot be extended beyond some limit. Common fieldbus systems do minimize cabling effort and extend the possible distances that can be bridged, but this technology also quickly meets its limits.

Where fieldbus systems can't go any further, the W&T Web-IOs in Box-to-Box mode use network technology for transmitting the switching signals. The existing infrastructure right up to the internet can be easily employed and the cabling effort minimized.

Another advantage of network tunneling is its flexibility. If a location changes, the Web-IO Digital only needs to be connected at the new location to a free network port and if needed configured for the new network.

▶ Product Selection

SHORT DATASHEET

Inputs
Nominal voltage12V or 24V (switching threshold +8V)

Outputs (optional)
Nominal voltage12V or 24V
(permitted range 6-30V, max. 500 mA)
or
potential-free contact, max. 48V/5A
or
using corresponding coupling relays for 230V

Styles


2x In, 2x Out


12x In, 6x relays Out


12x In, 12x Out

▶ Product Selection

SHORT MANUAL


Connect the Web-IOs to a free Ethernet port and provide power

Connect up the inputs and outputs

Assign the Web-IO Digital an IP address

Configure the Web-IO Digital in the browser

More applications:

Scroll examples

W&T
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