



## The D2012P transmitter

The wall-mounted transmitter D2012P is designed for sending information from sensors and PLCs. The comprehensive safety features of the system allows for it to be used as a wireless machine stop. The rugged signal inputs are suitable for different voltages, making it ideal for industrial applications.

### Comprehensive safety

The transmitter continuously sends information to the receiver using a digitally verified protocol unique to Datek. In the event of even the smallest error arising the receiver will immediately (<0.5 seconds) revert to a safe stop mode. Each Datek transmitter is assigned a unique ID code, ensuring that any given transmitter can only activate its own dedicated receiver. No other transmitters or products can ever activate a Datek system.

### Rugged signal inputs

The transmitter has 12 digital signal inputs that can be customized for different voltages, both VAC and VDC. The input signals and electronics of the transmitter are separated by relays that protect the electronics. The relays and connection terminals are socket mounted making the installation and maintenance easy.

### Flexible outputs

The receiver units from Datek are available in many different versions supporting various serial protocols as well as traditional digital outputs.

### Product benefits

- Wireless interface between PLCs, sensors and machines
- The use of a unique digital protocol and verification by double processors ensures safety
- Rugged signal inputs suitable for different voltages
- Flexible outputs either by serial protocols or relays



Rev A1 Datek reserves the right to change specifications without notice. ©

#### General information

Dimensions	180 x 180 x 80 mm
Weight	1,1 kg
Temperature range	- 25° – 70° C
Protection class	IP65

#### Radio transmission

Frequency	406 – 470 MHz
Output power	10 mW
Range	>100 m

#### Digital inputs

Number	1 – 12
Voltage	12/24 VDC or 48/110/230VAC
(Ordered from factory)	

#### Supply voltage

Direct current	12 – 24VDC
Alternating current	230VAC

#### Further information

For more information about our products, please visit our website at [www.datek.net](http://www.datek.net) or call us on +46 8 534 101 50.

We will be glad to help you.