

Tempsonics®

Magnetostrictive Linear Position Sensors



TempoLink Smart Assistant Product Brief

- ▶ Quick setup & diagnostics for R-Series V
- ▶ No additional software needed
- ▶ Easy access via smartphone, tablet or computer

I AM THE NEW V GENERATION



YOUR SMART ASSISTANT

TempoLink smart assistant is an accessory of the R-Series V family of sensors. It supports setup of the sensor in the application as well as providing additional status information for diagnostics of the sensor.

ADJUSTING PARAMETERS

When setting up the sensor for an application, sensor parameters can be viewed and adjusted. Depending on the sensor protocol it enables the adjustment of parameters such as

- measurement direction
- resolution
- filter settings for smoothing the output signal ¹
- identification of the sensor in an Industrial Ethernet network

READING OUT ADDITIONAL INFORMATION

For diagnostics and analysis of operational data the R-Series V sensors continuously track values such as

- total distance travelled by the position magnet
- total operational hours of the sensor
- internal temperature of the sensor
- quality of the position signal ¹

This additional information can be viewed via TempoLink smart assistant even while the sensor remains operational in the application.

CONNECTING TempoLink SMART ASSISTANT

TempoLink smart assistant is connected to the sensor via the power connection, which now adds bidirectional communication for setup and diagnostics. This connection is independent from the sensor protocol allowing connection to any R-Series V sensors.

¹ available soon



GRAPHICAL USER INTERFACE

The intuitive user interface is displayed on your smartphone, tablet or computer. Simply connect your Wi-Fi enabled device to the integrated Wi-Fi access point ², or use the USB connection, and go to the TempoLink smart assistant URL via your browser.

Connecting is easy. There is no software or application installation, and the connection is point to point, eliminating any concerns over network integration issues.

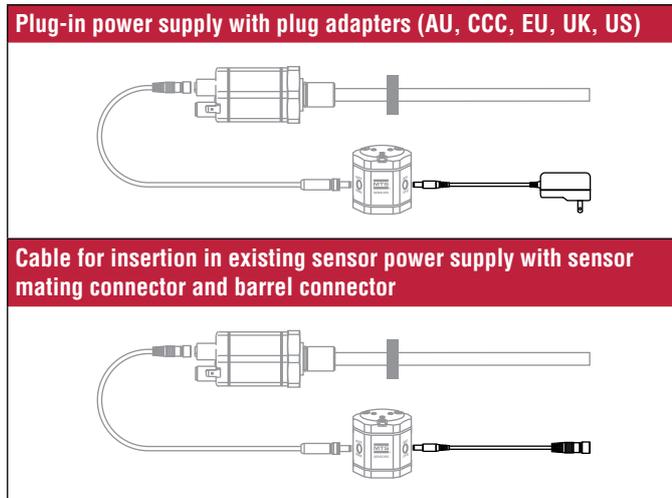
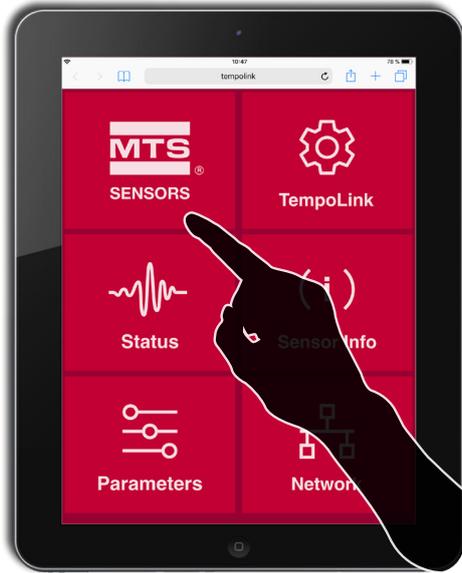


Fig. 1: Power supply options



Lion d'Orweg 12 - B-9300 Aalst
T +32 (0)53 766 566 - F +32 (0)53 78 39 77
mail@multiprox.be - www.multiprox.be

Document Part Number
551976 (Revision A) 06/2018

UNITED STATES

MTS Systems Corporation
Sensors Division
Phone: +1 919 677-0100
E-Mail: info.us@mtssensors.com

GREAT BRITAIN

Branch Office
Phone: +44 79 44 15 03 00
E-Mail: info.uk@mtssensors.com

GERMANY

MTS Sensor Technologie
GmbH & Co. KG
Phone: +49 2351 9587-0
E-Mail: info.de@mtssensors.com

CHINA

Branch Office
Phone: +86 21 6485 5800
E-Mail: info.cn@mtssensors.com

ORDER CODE

1	2	3	4	5	6	7	8
T	L		0	E	M		
a		b		c		d	

a	Type
T L	TempoLink smart assistant kit
b	Power Supply
1	Plug-in power supply with plug adapters (AU, CCC, EU, UK, US)
2	Cable for insertion in existing sensor power supply with sensor mating connector and barrel connector
c	Options
0	No options
d	Adapter cable for connection to R-Series V
E M 0 8	Cable with M8 female connector (4 pin) for connection type D56 (EtherNet/IP™) (part no. 254 887-1)
E M 1 2	Cable with M12 female connector (4 pin) for connection type D58 (EtherNet/IP™ / Profinet) (part no. 254 897-1)

DELIVERY



TempoLink smart assistant kit

- TempoLink smart assistant
- Power supply or cable for insertion in existing sensor power supply with sensor mating connector and barrel connector
- Adapter cable to connect TempoLink smart assistant to R-Series V sensor
- USB cable for optional connection of TempoLink smart assistant to a computer

Adapter cables to connect TempoLink smart assistant to sensors of R-Series V can be ordered separately

² The integrated Wi-Fi access point does not provide internet access.



ITALY

Branch Office
Phone: +39 030 988 3819
E-Mail: info.it@mtssensors.com

FRANCE

Branch Office
Phone: +33 1 58 4390-28
E-Mail: info.fr@mtssensors.com

JAPAN

Branch Office
Phone: +81 42 707 7710
E-Mail: info.jp@mtssensors.com

www.mtssensors.com