

Data Sheet

TempoLink® smart assistant for R- and G-Series V position sensors

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



V
THE NEW GENERATION

THE ACCESSORY FOR THE R- AND G-SERIES V

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

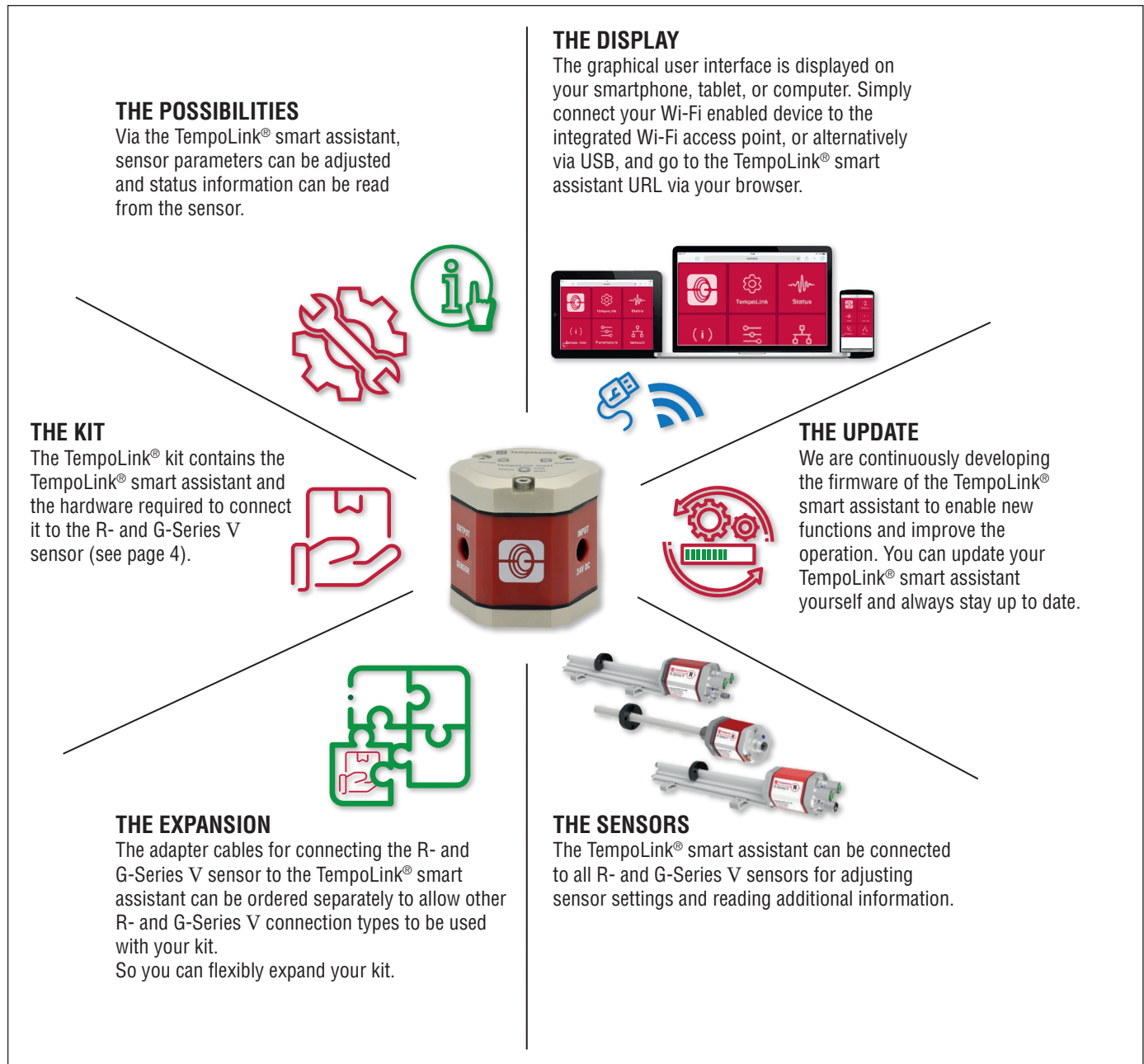


Fig. 1: The main advantages of the TempoLink® smart assistant

TECHNICAL DATA

Operating conditions	
Operating temperature	–20...+60 °C (–4...+140 °F)
Humidity	10...90 % relative humidity, no condensation
Ingress protection	IP30
Design/Material	
Housing	ABS plastic
Dimensions (h × w × d)	54 × 44 × 53 mm (2.1 × 1.7 × 2 in.)
Electrical connection	
Connection type	1 × micro USB 1 × barrel connector 2.1 × 5.5 mm (female) 1 × barrel connector 2.5 × 5.5 mm (female)
Operating voltage	+24 VDC
Power consumption	15 W (when connecting an R- and G-Series V sensor)
Wi-Fi	
Wi-Fi standard	IEEE 802.11b/g/n
Frequency range	2.4 GHz: 2.412 GHz...2.472 GHz

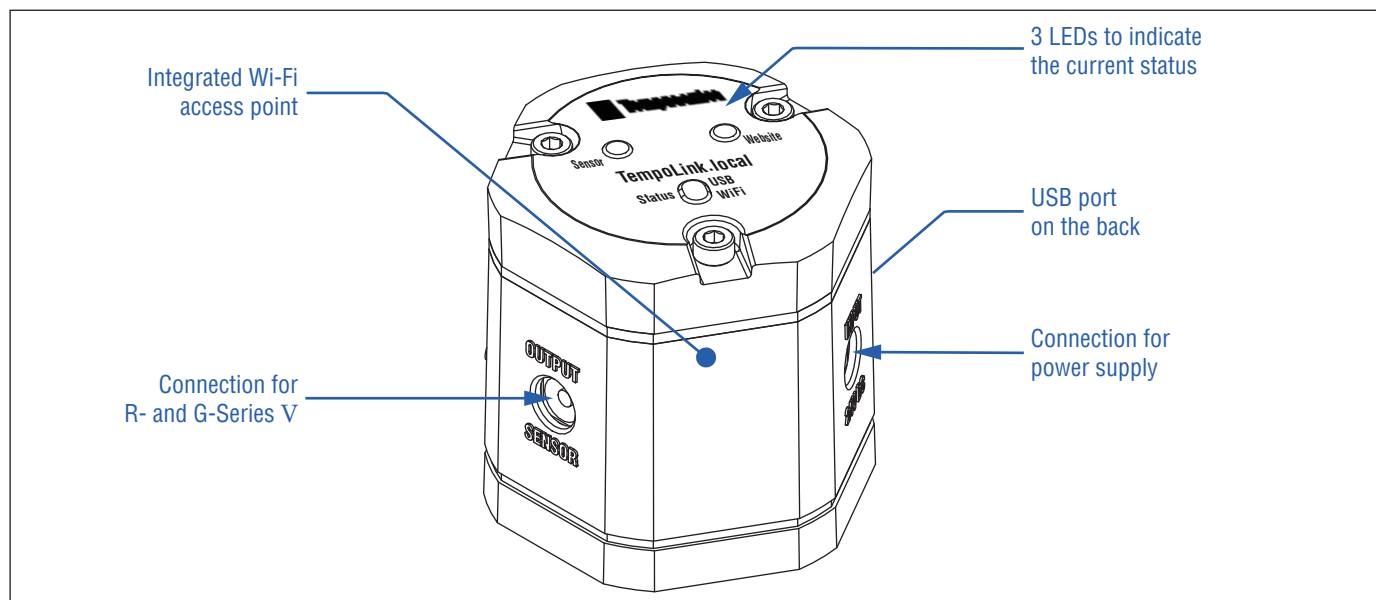


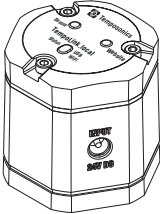
Fig. 2: The connection possibilities and status LEDs at the TempoLink® smart assistant

CONTENT OF THE TempoLink® KIT

The TempoLink® kit contains the components required to connect the TempoLink® smart assistant to a specific R- and G-Series V sensor.

1

TempoLink® smart assistant

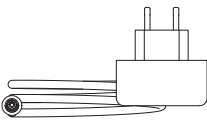


2

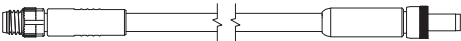
Power supply

Each kit includes one of the listed options for power supply

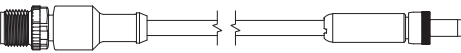
Plug-in power supply



Cable for insertion in existing power supply for connection type D56



Cable for insertion in existing power supply for connection type D58



Barrel connector with pig-tail




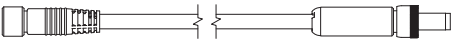
Fig. 3: Package contents of the TempoLink® kit based on the kit order code (see page 6), part 1

3

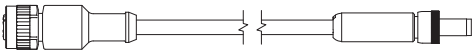
Adapter cable

Each kit includes one of the listed adapter cables for connecting the TempoLink® smart assistant to an R- and G-Series V sensor

Adapter cable for connection type D56

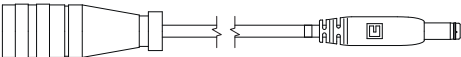


Adapter cable for connection type D34/D58

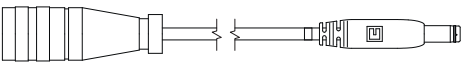


Adapter cable for

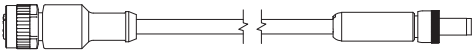
- connection type D60 (R-Series V)
- connection type D60 (G-Series V Digital)



Adapter cable for connection type D70

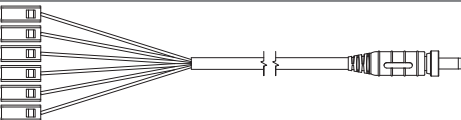


Adapter cable for connection type D84



Adapter cable for

- cable outlet (R-Series V)
- cable outlet (G-Series V)
- connection type D60 (G-Series V Analog)



4

USB cable

For optional connection of the TempoLink® smart assistant to a computer

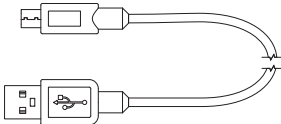







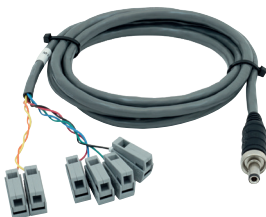
Fig. 4: Package contents of the TempoLink® kit based on the kit order code (see page 6), part 2

FREQUENTLY ORDERED ACCESSORIES

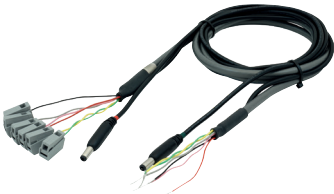

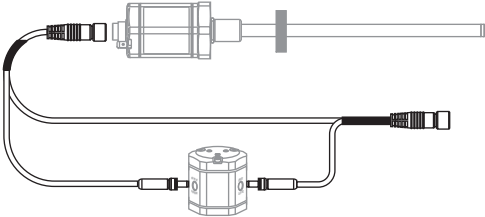
Adapter cables for connection of TempoLink® smart assistant to a specific R- or G-Series V-sensor

			
Adapter cable for D56 M8 female connector (4 pin) – barrel Part no. 254 887-1	Adapter cable for D34/D58 M12 female connector (5 pin/4 pin) – barrel Part no. 254 897-1	Adapter cable for D60 M16 female connector (6 pin) – barrel Part no. 254 989-1	Adapter cable for D70 M16 female connector (7 pin) – barrel Part no. 254 990-1
Material: PVC Cable length: 1.5 m For connection type: D56 (EtherCAT®/EtherNet/IP™/POWERLINK/PROFINET)	Material: PUR Cable length: 1.5 m For connection type: D34/D58 (Analog/EtherCAT®/EtherNet/IP™/POWERLINK/PROFINET)	Material: PVC Cable length: 1.5 m For connection type: D60 (R-Series V Analog/G-Series V Digital)	Material: PVC Cable length: 1.5 m For connection type: D70 (SSI)

Adapter cable

	
Adapter cable for D84 M12 female connector (8 pin) – barrel Part no. 255 204-1	Adapter cable for cable output 6 × terminal clamps – barrel Part no. 255 043-1
Material: PUR Cable length: 1.5 m For connection type: D84 (SSI)	Material: PVC Cable length: 1.5 m For connection type: Cable outlet

Inline cables

		
Inline cable for cable outlet (SSI) 6 × terminal clamps – pigtail with 2 barrel connectors Part no. 255 004	Inline cable for D70 M16 female connector (7 pin) – M16 connector male (7 pin) with 2 barrel connectors Part no. 254 994-1	Inline cable <ul style="list-style-type: none">• The TempoLink® smart assistant can be used to read out R-Series V status information during operation.• SSI combines power supply and data lines in one cable.• Inline cable allows the TempoLink® smart assistant to be connected in parallel to the data transfer to the control. So status information can be read during operation of the R-Series V SSI sensor while the TempoLink® smart assistant is connected.
Material: PVC Cable length: 1.5 m For connection type: Cable outlet (SSI)	Material: PVC Cable length: 1.5 m For connection type: D70 (SSI)	

ORDER CODE

1	2	3	4	5	6	7	8
T	L		0				
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 (for connection type D56)
3	Cable for insertion in existing sensor power supply with sensor mating connector and barrel connector (for connection type D58)
4	Barrel connector with pig-tail for connection to an existing power supply
c	Option
0	No options

d	Adapter cables for connection to R- or G-Series V
E M 0 8	Cable with M8 female connector (4 pin) for connection type D56 (EtherCAT®/EtherNet/IP™/POWERLINK/PROFINET) (part no. 254 887-1)
E M 1 2	Cable with M12 female connector (4 pin) for connection type D58 (EtherCAT®/EtherNet/IP™/POWERLINK/PROFINET) (part no. 254 897-1)
S D 7 0	Cable with M16 female connector (7 pin) for connection type D70 (SSI) (part no. 254 990-1)
S D 8 4	Cable with M12 female connector (8 pin) for connection type D84 (SSI) (part no. 255 204-1)
A D 3 4	Cable with M12 female connector (5 pin) for connection type D34 (Analog) (part no. 254 897-1)
A D 6 0	Cable with M16 female connector (6 pin) for connection type D60 (R-Series V Analog/G-Series V Digital) (part no. 254 989-1)
A S 0 0	Cable with 6 × terminal clamps for connection type cable outlet (R-Series V Analog/SSI) and connection type D60 (G-Series V Analog) (part no. 255 043-1)

DELIVERY



- TempoLink® smart assistant kit** Adapter cables to connect
- TempoLink® smart assistant TempoLink® smart assistant to
 - One of the four options for sensors of R- and G-Series V the power supply can be ordered separately
 - One adapter cable to connect TempoLink® smart assistant to R- and G-Series V sensor
 - USB cable for optional connection of TempoLink® smart assistant to a computer

Manuals, Software & 3D Models available at:
www.temposonics.com



Temposonics

AN AMPHENOL COMPANY

UNITED STATES
Temposonics, LLC
Americas & APAC Region
3001 Sheldon Drive
Cary, N.C. 27513
Phone: +1 919 677-0100
E-mail: info.us@temposonics.com

GERMANY
Temposonics GmbH & Co. KG
EMEA Region & India
Auf dem Schüffel 9
58513 Lüdenscheid
Phone: +49 2351 9587-0
E-mail: info.de@temposonics.com

ITALY
Branch Office
Phone: +39 030 988 3819
E-mail: info.it@temposonics.com

FRANCE
Branch Office
Phone: +33 6 14 060 728
E-mail: info.fr@temposonics.com

UK
Branch Office
Phone: +44 79 21 83 05 86
E-mail: info.uk@temposonics.com

SCANDINAVIA
Branch Office
Phone: +46 70 29 91 281
E-mail: info.sca@temposonics.com

CHINA
Branch Office
Phone: +86 21 3405 7850
E-mail: info.cn@temposonics.com

JAPAN
Branch Office
Phone: +81 3 6416 1063
E-mail: info.jp@temposonics.com

Document Part Number:
552070 Revision E (EN) 08/2025



 **4.0** **SRRC**

temposonics.com

© 2025 Temposonics, LLC – all rights reserved. Temposonics, LLC and Temposonics GmbH & Co. KG are subsidiaries of Amphenol Corporation. Except for any third party marks for which attribution is provided herein, the company names and product names used in this document may be the registered trademarks or unregistered trademarks of Temposonics, LLC or Temposonics GmbH & Co. KG. Detailed trademark ownership information is available at www.temposonics.com/trademarkownership.