

# Antenna Replacement Kit

---

## Instruction Sheet for Smartline Wireless Transmitters

**Document No:** 34-SW-33-03  
**Effective Date:** 17 August 2018

---

<b><u>Order Part No.</u></b>	<b><u>Qty.</u></b>	<b><u>Description</u></b>
50030973-503	1	Aluminum Elbow Antenna Assembly
50030973-504	1	Aluminum Elbow Antenna Assembly
50030973-505	1	Stainless Steel Elbow Antenna Assembly
50028364-503	1	Aluminum Remote Antenna Assembly
50028364-504	1	Aluminum Remote Antenna Assembly
50028364-505	1	Stainless Steel Remote Antenna Assembly



Take precautions against electrostatic discharge to prevent damaging the electronic/display module.



You must replace your antenna with the same type, that is, elbow or remote. Changing to a different antenna type is not permitted by approval agencies.



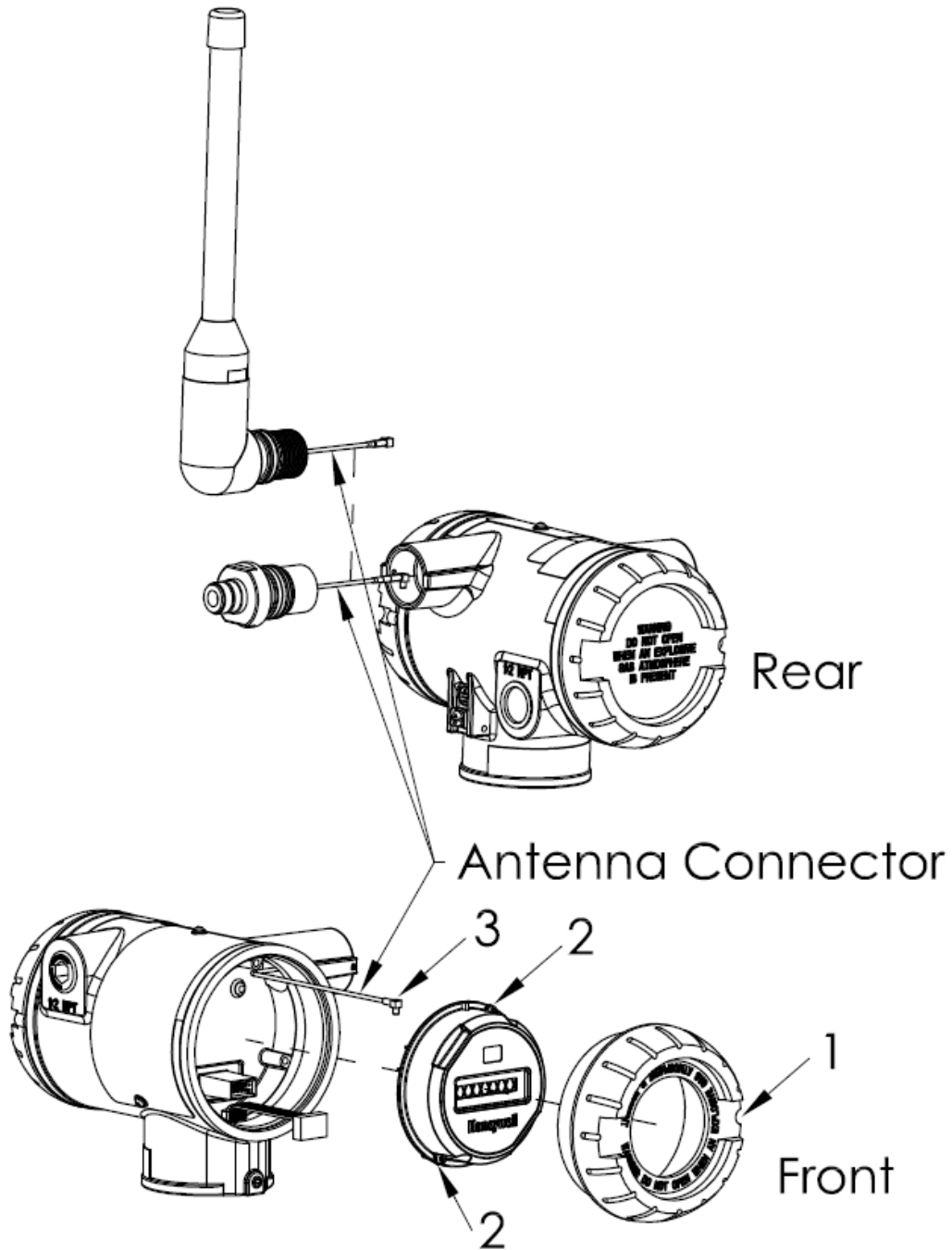
Risk of death or serious injury by explosion. Do not open transmitter enclosure when an explosive gas atmosphere is present.

### Tools required

<b>Use this tool</b>	<b>For this item</b>
#1 Phillips Screwdriver or 1/8" Slotted Screwdriver	M3 set screws for separating Electronic Module from Transmitter Housing
Torque Screwdriver	M3 set screws for Electronic Module installation
1.5 mm hex key	M3 set screw for end cap and antenna removal and installation

**Procedure**

It is the User / Installer's responsibility to install the Smartline Wireless Transmitters in accordance with national and local code requirements.



**Figure 1 Antenna Replacement**

**Step – 1:** Honeywell recommends that the transmitter be removed from service and moved to a clean area before servicing.

**Step – 2:** Loosen the M3 locking set screw on the display end-cap. See item 1 in Figure 1. Unscrew and remove the front end cap.

**Step – 3:** Loosen the two screws on the electronic module. See items 2 in Figure 1.

**Step – 4:** Remove the electronic module from the transmitter body and disconnect the antenna connector from CN2 connector on the electronic module. See item 3 in **Error! Reference source not found..**

**Step – 5:** Loosen the locking set screw at the antenna base. Unscrew the antenna from the transmitter. Remove the antenna and its connector from the transmitter. See **Error! Reference source not found..**

**Step – 6:** Feed the new antenna's connector through the antenna hole to the front of the transmitter. Do not connect to electronic/display module yet. Lubricate with Silicone Grease such as Dow Corning #55. Screw new antenna into transmitter body until finger-tight, then back off 180 degrees to permit adjustment later.

**Step – 7:** Attach antenna connector to CN2 connector on electronic/display module. See item 3 in **Error! Reference source not found..**

**Step – 8:** Insert electronic/display module. Orient in the proper viewing orientation before tightening two sensor compartment screws. See items 2 in **Error! Reference source not found..** Torque screws to 0,4 – 0,6 N-M (3.5 – 5.3 Lb-in).

**Step – 9:** Replace the front end cap. Honeywell recommends lubricating the front end cap O-ring with a Silicone Grease such as Dow Corning #55 or equivalent before replacing the end cap.

**Step – 10:** Adjust antenna for best reception. Don't rotate antenna more than 180 degrees either direction or you could twist and break the antenna wiring inside. Tighten the antenna locking set screw.

## Sales and Service

For application assistance, current specifications, pricing, or name of the nearest Authorized Distributor, contact one of the offices below.

### ASIA PACIFIC

Honeywell Process Solutions,  
Phone: + 800 12026455 or  
+44 (0) 1202645583  
(TAC) [hfs-tac-support@honeywell.com](mailto:hfs-tac-support@honeywell.com)

#### Australia

Honeywell Limited  
Phone: +(61) 7-3846 1255  
FAX: +(61) 7-3840 6481  
Toll Free 1300-36-39-36  
Toll Free Fax:  
1300-36-04-70

#### China – PRC - Shanghai

Honeywell China Inc.  
Phone: (86-21) 5257-4568  
Fax: (86-21) 6237-2826

#### Singapore

Honeywell Pte Ltd.  
Phone: +(65) 6580 3278  
Fax: +(65) 6445-3033

#### South Korea

Honeywell Korea Co Ltd  
Phone: +(822) 799 6114  
Fax: +(822) 792 9015

### EMEA

Honeywell Process Solutions,  
Phone: + 800 12026455 or  
+44 (0) 1202645583

Email: (Sales)

[FP-Sales-Apps@Honeywell.com](mailto:FP-Sales-Apps@Honeywell.com)

or

(TAC)

[hfs-tac-support@honeywell.com](mailto:hfs-tac-support@honeywell.com)

### AMERICAS

Honeywell Process Solutions,  
Phone: (TAC) (800) 423-9883  
or (215) 641-3610  
(Sales) 1-800-343-0228

Email: (Sales)

[FP-Sales-Apps@Honeywell.com](mailto:FP-Sales-Apps@Honeywell.com)

or

(TAC)

[hfs-tac-support@honeywell.com](mailto:hfs-tac-support@honeywell.com)

### For more information

To learn more about SmartLine Transmitters,  
visit [www.honeywellprocess.com](http://www.honeywellprocess.com)  
Or contact your Honeywell Account Manager

### Process Solutions

Honeywell  
1250 W Sam Houston Pkwy S  
Houston, USA, TX 77042

Honeywell Control Systems Ltd  
Honeywell House, Skimped Hill Lane  
Bracknell, England, RG12 1EB

Shanghai City Centre, 100 Jungi Road  
Shanghai, China 20061

[www.honeywellprocess.com](http://www.honeywellprocess.com)



34-SW-33-03 Rev.1

August 2018

©2018 Honeywell International Inc.