# Steam traps

Steam trap management

TI-P014-06 MI Issue 1

# spirax /sarco

# Wireless Receiver/Repeater (Ex) version for use with a STAPS Steam Trap Monitoring System

# **Description**

The STAPS wireless receiver/repeater 5 version is specifically designed for use withthe STAPS wireless steam trap monitoring system, within hazardous areas.

In conjunction with the STAPS head units and PC software, the STAPS receiver/repeater, monitors steam trap operation to help ensure optimum plant performance.

# **Certification and Approvals**

EMC Emissions and immunity:

- Emissions class B and Industrial immunity.
- EN 61326-2-1: 2006
- EN 61326-2-3: 2006

Hazardous area approvals

IECEx certification and ATEX intrinsic safety certification.

Complies with FCC rules CFR 47 (1st October 2011). Safety to IEC/EN 61010-1 2001 (second edition). CSA 22.2

# IECEX certification and equipment protection level

Gas	Ex d IIC T4 Gb
Dust	Ex tb IIIC T135°C Db
Tamb	-20°C to +70°C
Standards used	IEC 60079-0, IEC 60079-1 and IEC 60079-31
Certificate number	IECEx SIR 14.0070X

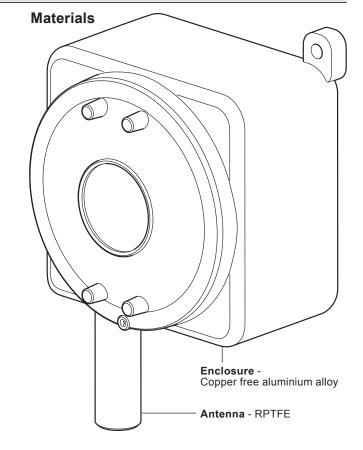
# **Euopean certification**

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ATEX	Flame proof 🖾 II 2 GD						
Gas	Ex d IIC T4 Gb						
Dust	Ex tb IIIC T135°C Db						
Tamb	-20°C to +70°C						
Standards used are flame proof to:	EN 60079-0, EN 60079-1 and EN 60079-31						

# **Technical information**

Mains powered	60 to 264 Vac, 47 to 63 Hz							
Current	0.7 A, 115 Vac							
Maximum altitude	3 000 m (0.7 bar atmospheric)							
Ambient temperature range	-20 to +70°C							
Maximum relative humidity	95%							
Enclosure rating	IP66 (Excluding external power supply)							
Input/Output (I/O)	IEE 802.15 2.4 GHz RJ45 port							
Operating modes	Receiver or repeater							
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First for Steam Solutions

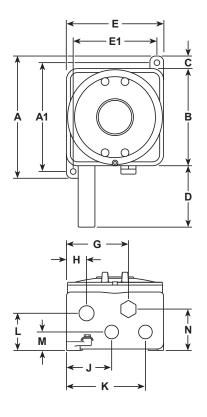
# www.rodavigo.net +34 986 288118

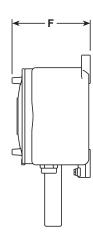
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# Dimensions/weights (approximate) in mm and kg

Α	<b>A</b> 1	В	С	D	E	E1	F	G	Н	J	K	L	M	N	Weight
210	195	174	20	110	174	150	140	111	36	81	141.5	66.5	33	71.5	4.5 kg





# How to order

Example: 1 - STAPS receiver/repeater Ex version for use with a STAPS wireless steam trap monitoring system.

# Safety information, installation and maintenance

For full details see the Installation and Maintenance Instructions (IM-P014-05) supplied with the product.

This product is recyclable. No ecological hazard is anticipated with the disposal of this product, provided due care is taken.

## Spare parts

The spare parts available are shown in solid outline. Parts drawn in broken line are not supplied as spares.

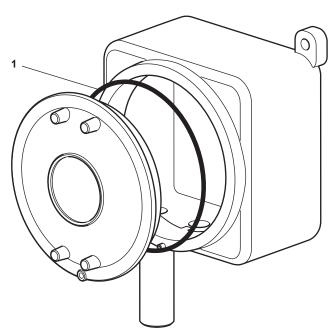
### Available spare

1 Enclosure 'O' ring

### How to order spares

Always order spares by using the description given in the column headed 'Available spare'.

Example: 1 - Enclosure 'O' ring for a STAPS receiver/repeater Ex version.



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