

## Coax Bushing Series 9731



- > Connect antennas in hazardous locations - standard N-type connector
- > Fast and easy installation
- > Extended temperature range - 60 ... -150 °C
- > Compact design
- > High degree of protection IP66
- > Suitable for Offshore applications
- > Frequency range 150 MHz ... 8 GHz

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17350E00



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The coax bushing offers an easy way to connect antenna cables to a wireless device that is encapsulated in an Ex d or Ex p enclosure. It requires an intrinsically safe (Ex i) wireless signal which can be established by the HFisolator series 9730.

The advantages of the coax bushing are becoming obvious when it is used together with a project-specific encapsulation (e.g. flame-proof enclosure Ex d) of wireless devices for the operation in hazardous locations.

R. STAHL offers a large range of enclosure solutions which makes R. STAHL an ideal partner to enable your wireless solution in hazardous areas.

Zone	ATEX / IECEx					
	0	1	2	20	21	22
For use in	x	x	x	x	x	x

WebCode 9731A

# Coax Bushing

## Series 9731



### Selection Table

Version	Frequency range	Connector		Thread	Order number	Weight kg
		Outside	Inside			
Coax bushing Series 9731	150 MHz ... 8 GHz	N-Type female	SMA female	M20	9731/110-1	0.400

### Explosion Protection

#### Global (IECEX)

Gas, dust and mining	IECEX TRC 15.0001X Ex d IIC Gb Ex tb IIIC Db Ex d I Mb
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#### Europe (ATEX)

Gas, dust and mining	TRAC15ATEX0001X ⊕ II 2 G Ex d IIC Gb ⊕ II 2 D Ex tb IIIC Db ⊕ II 2 D Ex tb IIIC Db
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### Certifications and certificates

Certificates	IECEX, ATEX
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### Technical Data

#### Insertion loss

900 MHz	0.25 dB
2.4 GHz	0.5 dB
5 GHz	0.8 dB

#### Ambient conditions

Operating temperature	-60 ... +150 °C
Storage temperature	-60 ... +150 °C
Relative humidity	0 ... 95 %, non condensing

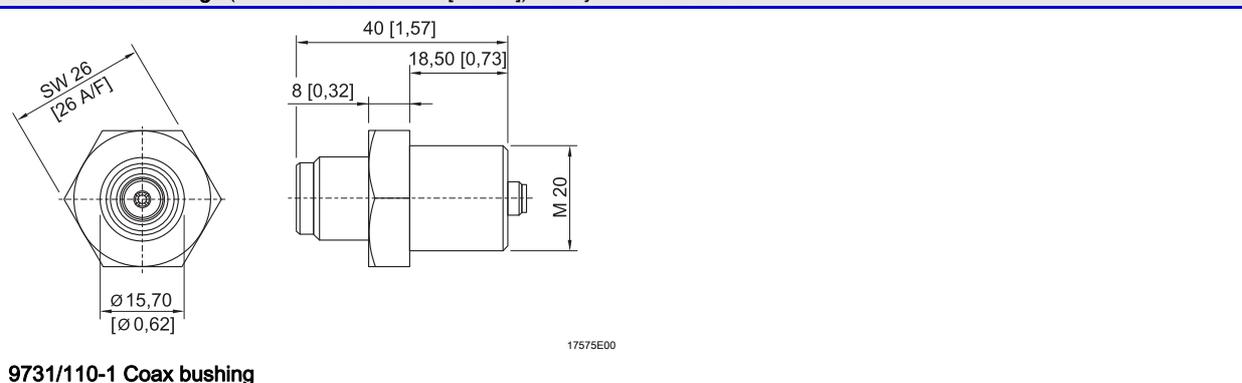
#### Mechanical data

Degree of protection	IP65
Material	Nickel plated brass

### Accessories and Spare Parts

Designation	Description	Frequency range	Order number	Art. no.	Weight kg
HFisolator Series 9730	Converts a standard wireless signal into an intrinsically safe signal	150 MHz ... 8 GHz	9730/26-11	256497	

### Dimensional Drawings (All Dimensions in mm [inches]) - Subject to Alterations



9731/110-1 Coax bushing

We reserve the right to make alterations to the technical data, dimensions, weights, designs and products available without notice. The illustrations cannot be considered binding.