- Connection of standard antennas in Zones 1, 2, 21, 22 (in conjunction with 9730/26-11)
- Fast and easy installation
- Suitable for extreme industrial areas – IP66 degree of protection, temperature range from -60 to +150 °C

MY R. STAHL **9731A**

The Series 9731 coaxial cable bushing perfectly complements our HFisolator (9730/26-11), as it enables standard antennas to be connected in hazardous areas of Zones 1, 2, 21 and 22 with its standard type N plug connector. It can be installed quickly and easily, is compact and robust, and can also be used for offshore applications.

	IECEx / ATEX					
Zone	0	1	2	20	21	22
Installation in		•	•		•	•

	NEC® 500 CE Code Appendix J					
	Class I		Class II		Class III	
Division	1	2	1	2	1	2
Installation in	•		•			

Selection Table						
Product description	Coaxial cable bushing					
Frequency	Internal plug connector	External plug connector	Thread size	Product Type	Art. No.	Weight
150 MHz ... 8 GHz	SMA female	N-type socket	M20	9731/110-1	249456	400 g

Technical Data	
Explosion Protection	
IECEx gas explosion protection	Ex d IIC Gb
IECEx dust explosion protection	Ex tb IIIC Db
IECEx firedamp protection	Ex d I Mb
ATEX gas explosion protection	Ⓔx II 2 G Ex d IIC Gb
ATEX dust explosion protection	Ⓔx II 2 D Ex tb IIIC Db
ATEX firedamp protection	Ⓔx I M2 Ex d I Mb
Certificates	ATEX (TRC), Canada / USA (MET), IECEx (TRC)
Electrical Data	
Insertion loss	**Frequency band** Universal **Frequency** 150 MHz 0.1 dB 450 MHz 0.22 dB 900 MHz 0.25 dB 2.4 GHz 0.5 dB 5 GHz 0.8 dB
Ambient Conditions	
Ambient temperature	-60 °C ... +150 °C
Storage temperature	-60 °C ... +150 °C
Maximum relative humidity	0 to 95%, non-condensing

Coaxial cable bushing
Series 9731

Technical Data

Mechanical Data	
Degree of protection (IP)	IP66
Material	Stainless steel

Accessories

Figure	Description	Art. No.	Weight
HFisolator			
	Converts a standard radio signal into an intrinsically safe signal. Frequency range: 150 MHz to 8 GHz	256497	100 g

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