

9731/110-1 Art. No. 249456



- 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.

Technical Data

Explosion Protection

Application range (zones)	1, 2, 21, 22
IECEX gas certificate	IECEX TRC 15.0001X
IECEX gas explosion protection	Ex d IIC Gb
IECEX dust certificate	IECEX TRC 15.0001X
IECEX dust explosion protection	Ex tb IIIC Db
IECEX firedamp certificate	IECEX TRC 15.0001X
IECEX firedamp protection	Ex d I Mb
ATEX gas certificate	TRAC 15 ATEX 0001 X
ATEX gas explosion protection	Ex II 2 G Ex d IIC Gb
ATEX dust certificate	TRAC 15 ATEX 0001 X
ATEX dust explosion protection	Ex II 2 D Ex tb IIIC Db
ATEX firedamp certificate	TRAC 15 ATEX 0001 X
ATEX firedamp protection	Ex I M2 Ex d I Mb
cMETus certificate	E114097
Marking cMETus	Class I, II, III, Div. 1, Groups A, B, C, D, E, F;
Certificates	ATEX (TRC), Canada / USA (MET), IECEX (TRC)

Electrical Data

Frequency	150 MHz ... 8 GHz
Frequency band	Universal
Insertion loss	2.4 GHz/0.8 dB 900 Mhz/0.25 dB 5 GHz/0.8 dB

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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
Internal plug connector	SMA female
External plug connector	N-type socket

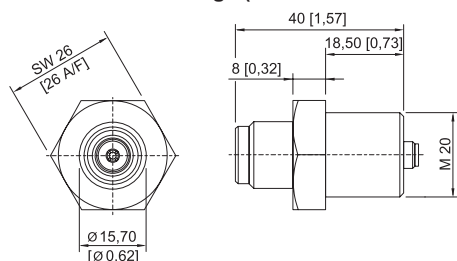
Ambient Conditions

Ambient temperature	-60 °C ... +150 °C
Ambient temperature	-76 °F ... +302 °F
Storage temperature	-60 °C ... +150 °C
Storage temperature	-76 °F ... +302 °F
Maximum relative humidity	0 to 95%, non-condensing

Mechanical Data

Degree of protection (IP)	IP66
Material	Stainless steel
Thread size	M20
Weight	400 g

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



Accessories

HFisolator



Converts a standard radio signal into an intrinsically safe signal.
Frequency range: 150 MHz to 8 GHz

Art. No.

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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.