

## Coaxial cable bushing







- 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 | (                       | Coax bushing            |             |              |          |        |
| Frequency           | Internal plug connector | External plug connector | Thread size | Product Type | Art. No. | Weight |
| 150 MHz to 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   |  |
| ATEX dust explosion protection  |  |
| ATEX firedamp protection        | □ M2 Ex d I Mb   |
| Certificates                    | ATEX (TRC), Canada / USA (MET), IECEx (TRC)  |
| Electrical Data                 |  |
| Insertion loss                  | 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   |

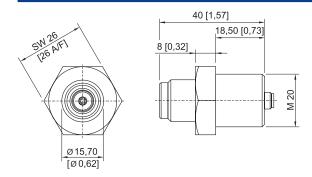


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| Technical Data            |                 |
|---------------------------|-----------------|
| Mechanical Data           |                 |
| Degree of protection (IP) | IP66            |
| Material                  | Stainless steel |

| Accessories |   |          |        |
|-------------|---|----------|--------|
| Figure      | Description   | Art. No. | Weight |
| HFisolator  |   |          |        |
| 000         | 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



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