

# RAD-PIG-RSMA-N-EX/ATEX - Antenna barrier



2904788

<https://www.phoenixcontact.com/us/products/2904788>

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Antenna barrier, type of protection: Ex d, Ex mb, Ex i, barrier installation: zone 1, antenna installation: zone 0, 1 or 2, frequency range: 0.3 GHz ... 6 GHz, connection: RSMA (male) -> N (female), incl. 0.7 m / 2.3 ft. connection cable, ATEX and IECEx approval



## Your advantages

- Universal use (frequency range of 0.3 ... 6 GHz)
- Use of standard antennas in the hazardous area of zone 0, 1, and 2

## Commercial data

Item number	2904788
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	DN23
Product key	DNC6A3
GTIN	4046356889278
Weight per piece (including packing)	215.5 g
Weight per piece (excluding packing)	215.5 g
Customs tariff number	85177000
Country of origin	US

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## Technical data

### Product properties

Product type	Coaxial cable
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### Electrical properties

Frequency range	0.3 GHz ... 6 GHz
Impedance	50 $\Omega$
Maximum error voltage $U_m$	250 V DC
Maximum HF output power P	2 W
Maximum capacity	5.64 nF

### Connection data

Connection method	N (female)
Connection method	RSMA (male)

### Material specifications

Outer material connection	Stainless steel
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### Cable/line

Cable length	0.76 m
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### Environmental and real-life conditions

#### Ambient conditions

Degree of protection	IP66
Ambient temperature (operation)	-40 °C ... 75 °C
Ambient temperature (storage/transport)	-40 °C ... 85 °C

### Approvals

#### Conformity/Approvals

ATEX	Ⓜ II 2(1)G, Ex d mb [ia] IIC
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### Mounting

Mounting method	Bulkhead, M25 thread
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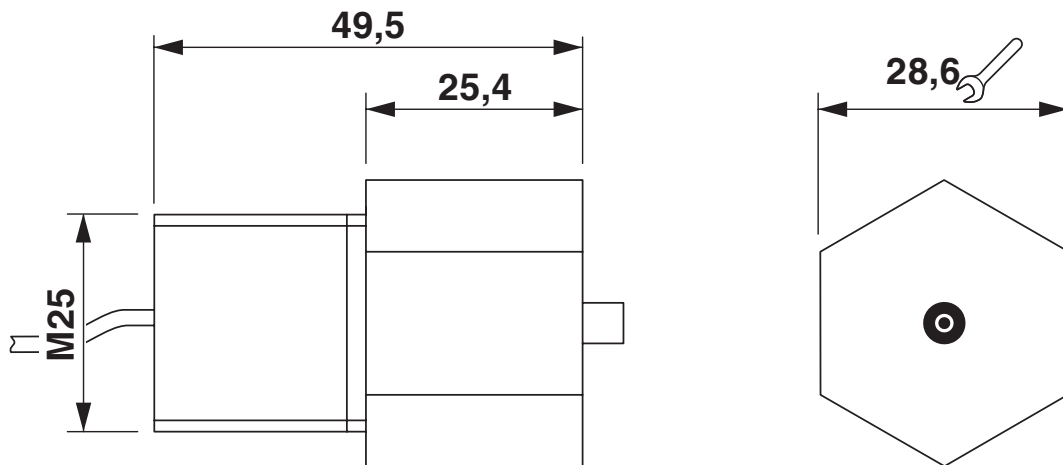
# RAD-PIG-RSMA-N-EX/ATEX - Antenna barrier

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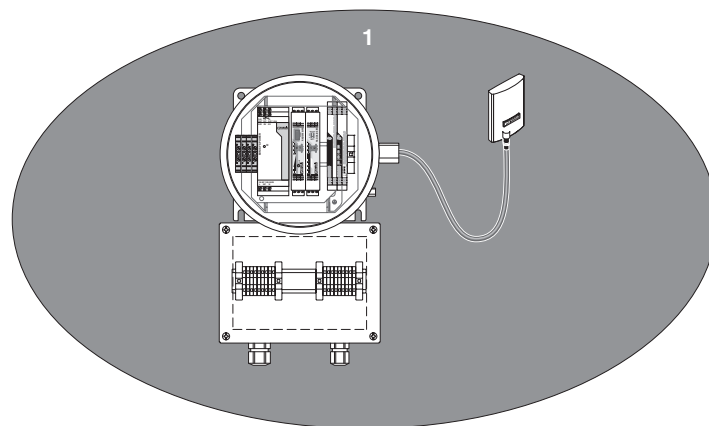
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## Drawings

Dimensional drawing



Application drawing



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## Classifications

### UNSPSC

UNSPSC 21.0	26121606
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## Environmental product compliance

### China RoHS

Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

### EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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