



# SUHNER® LIGHTNING PROTECTOR

## TYPE: 3400.00.0207

Item: 22 659 879

### Description

Quarter-wave lightning protector

### Product Configuration

#### Configuration Detail ..... Specification

Main path connectors ..... DIN 7/16 (male) - N (female)  
(Unprotected - protected side)

Mounting and grounding ..... M8 threaded hole, brk  
(M - screw, brk - bracket) ..... (suitable mounting bracket 71 Z-0-0-2)



### Main technical Data

#### Electrical Data ..... Requirements

RF:

Impedance ..... 50  $\Omega$

Frequency range ..... 806 ... 945 MHz

Return loss .....  $\geq 20.8$  dB

Insertion loss .....  $\leq 0.1$  dB

RF power transmission ..... 1000 W

Protection:

Surge current handling capability ... 100 kA (test pulse 8/20  $\mu$ s)

Residual pulse energy ..... 5  $\mu$ J typ. (test pulse 4 kV/2kA, 8/20  $\mu$ s acc. to IEC 61000-4-5)

#### Environmental Data ..... Requirements/Test Conditions

Waterproof degree ..... IP 65 according to IEC 529, data refer to the coupled state

Operation temperature range ..... -40 °C to +85 °C

#### Material Data ..... Standard ..... Material ..... Plating

Housings ..... QQ-B-626 ..... Brass ..... SUCOPLATE®

Male contacts ..... QQ-B-626 ..... Brass ..... Silver plating

Female contacts ..... QQ-C-530 ..... CuBe2 ..... Silver plating

Insulators ..... ASTM-D-1457 ..... PTFE

Gaskets ..... ASTM-E-1418 PS1 ... Silicone rubber

### Related Documents

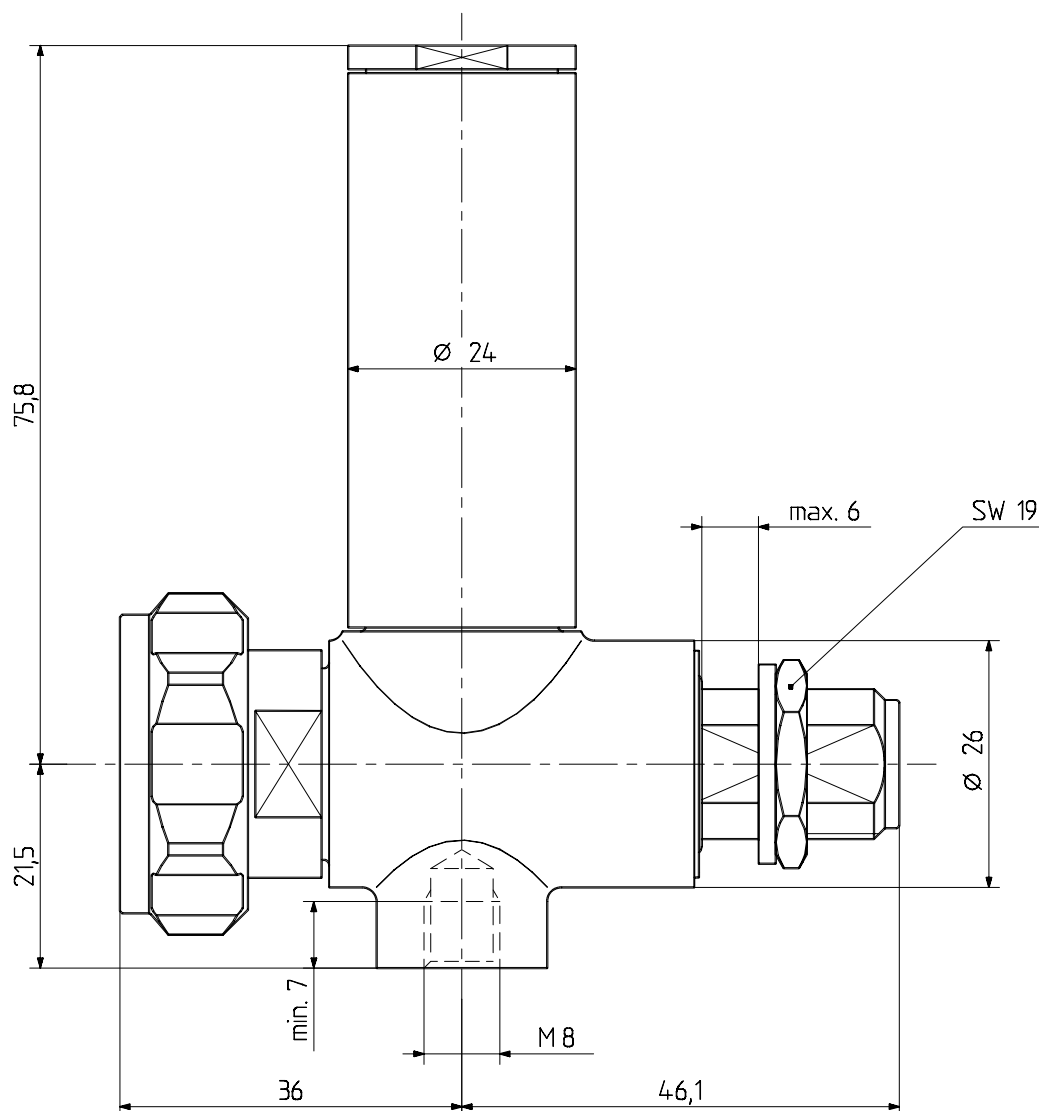
Outline Drawing ..... 23 241 533

Mounting/Grounding instruction .... 23 008 058

# SUHNER® LIGHTNING PROTECTOR

## TYPE: 3400.00.0207

Item: 22 659 879



### WAIVER!

While the information contained in this folder has been carefully compiled to the best of our present knowledge, it is not intended as representation or warranty of any kind on our part regarding the suitability of the products concerned for any particular use or purpose and neither shall any statement contained herein be construed as a recommendation to infringe any industrial property rights or as a license to use any such rights. The suitability of each product for any particular purpose must be checked beforehand with our specialists.



HUBER+SUHNER AG  
Wireless Division  
CH-9100 Herisau, Switzerland  
Tel.: +41 (0)71 353 41 11  
Fax: +41 (0)71 353 47 51  
e-mail: sales.fk@hubersuhner.com  
www.hubersuhner.com

Document No.: 01.02.0648

Issue No.: --

Supersedes: --

*Uncontrolled copy*

Issued/Checked/Released:

Last amended:

19.5.2000/4660PRM/st

--

2/2