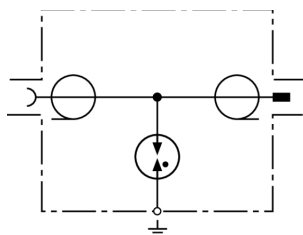


## DGA G BNC (929 042)

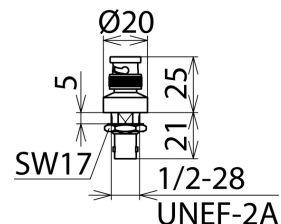
- Compact dimensions
- Extremely wide transmission range
- For installation in conformity with the lightning protection zone concept at the boundaries from  $0_b - 1$  and higher



Figure without obligation



Basic circuit diagram DGA G BNC



Dimension drawing DGA G BNC

Surge arrester for remote supply with integrated gas discharge tube. Ideally suited for wireless applications for the coaxial interfaces of devices and antennas.

Available with SMA, BNC or N connection for bushing installation.

Type	DGA G BNC
Part No.	929 042
SPD class	TYPE 2
Max. continuous operating voltage (d.c.) ( $U_c$ )	135 V
Nominal current ( $I_n$ )	3.5 A
Max. transmission capacity	25 W
D1 Lightning impulse current (10/350 $\mu$ s) ( $I_{imp}$ )	1 kA
C2 Nominal discharge current (8/20 $\mu$ s) ( $I_n$ )	5 kA
Voltage protection level for $I_n$ C2 ( $U_p$ )	$\leq 650$ V
Frequency range	0-4 GHz
Insertion loss	$\leq 0.2$ dB
Return loss (d.c. - 3 GHz)	$\geq 20$ dB
Return loss (3 GHz-4 GHz)	$\geq 20$ dB
Characteristic impedance (Z)	50 ohms
Operating temperature range ( $T_u$ )	-40 °C ... +85 °C
Degree of protection (if lines are connected)	IP 20
Connection	BNC socket / BNC plug
Earthing via	bushing ( $\varnothing 12.9$ mm)
Enclosure material	brass, gold-plated
Colour	gold
Test standards	IEC 61643-21 / EN 61643-21
Weight	39 g
Customs tariff number (Comb. Nomenclature EU)	85366910
GTIN	4013364091030
PU	1 pc(s)

We reserve the right to introduce changes in performance, configuration and technology, dimensions, weights and materials in the course of technical progress. The figures are shown without obligation.