

## Gas discharge tube 900V

9071.99.0052

### Properties

- Designed for operations exceeding 25 years
- GDT specification according to international standard ITU-T K.12
- Two electrode gas discharge tube 8x8 mm with holder



### Interface and material data

Housing material / plating	Brass / SUCOPLATE (R) Plating
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### Electrical data

CW power frame	≤ 2150 W
DC sparkover	900 V, +/- 15 % (@ 100 V/s)
Impulse sparkover 1000 V/μs	2000 V
Insulation resistance	> 100 GΩ (@ 100 V)
Glow voltage	80 V (@ 10 mA)
Arc voltage	approx. 15 V (@ > 1 A)
Capacitance	< 2 pF (@ 1 MHz)
Impulse discharge current	≥ 1 operations (@ 30 kA, 8/20 μs) ≥ 10 operations (@ 20 kA, 8/20 μs)

### Mechanical data

Weight	12 g
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### Environmental data

Operation temperature	-40 °C ... 85 °C
Storage temperature	-40 °C ... 85 °C
Ingress protection (IP Rating)	Unmated / IP66, IP68, according to IEC 60529 (24 h of water, 1 m)

### Compliance

Item number	Directive / Regulation	Rating	Exemptions / Details
22544817	RoHS 2011/65/EU and (EU) 2015/863	Compliant with exemption	6c
	REACH 1907/2006 Article 33 SVHC	Contains one or more SVHC >0,1%	CAS: 7439-92-1 Lead

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<b>Additional Information</b>	
Remarks	DC Sparkover Voltage +-15% 900 V Impulse Sparkover Voltage @ 1 kV/ $\mu$ s max. 2000 V Glow Discharge Voltage 80 V Arc Discharge Voltage
Remarks	Test methods per ITU-T (CCITT) K.12, IEEE C62.31, RUS PE-80, Telcordia GR 1361 Fits to H+S Lightning Protector series 3401, 3402 and 3408. Excluding the 3000 series that have the below designations: 3402.xy.30zw For the moment 3000 series only with N and TNC interfaces -> xy=17 or 26
With capsule holder	Yes

<b>Ordering Information Table</b>	
Item number	Item description
22544817	9071.99.0052 (73_Z-0-0-52)

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