

METAL-CERAMIC CONNECTIONS

Vacuum Feedthroughs

PROPERTIES

- ◆ High grade materials allow repeatet bakings at 400°C



SELECTION DATA

Voltage ¹⁾	3 kV	2 kV	5 kV	10 kV
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ORDERING INFORMATION

Part No.	214-161	214-162	214-163	214-164
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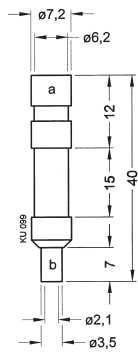
SPECIFICATIONS

Insulator		Al ₂ O ₃	Al ₂ O ₃	Al ₂ O ₃	Al ₂ O ₃
Connection		Fe-Ni	Fe-Ni	Fe-Ni	Fe-Ni
a		Fe-Ni	stainless steel	stainless steel	stainless steel
b		Fe-Ni	304/1.4301	304/1.4301	304/1.4301
Bakeout temperature	°C	400	400	400	400
Tightness	mbar l/s	5 x 10 ⁻¹¹	5 x 10 ⁻¹¹	5 x 10 ⁻¹¹	5 x 10 ⁻¹¹
Weight	g	5	12	25	90

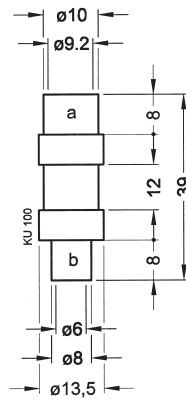
¹⁾ Based on VDE 0110 for air and surface-leakage in atmosphere on both sides.
Higher values up to factor two are admissible in pressures <10⁻⁴ mbar.

DIMENSIONS

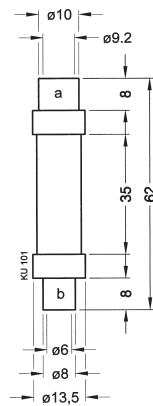
214-161



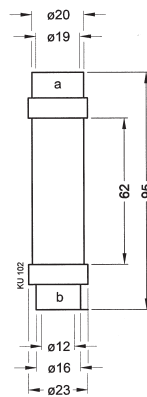
214-162



214-163



214-164



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