

**Approvals and conformities**

ASME

RCC-M

ISO 9934-2

NFF 00-090

ASTM-E-1444

AMS 2641

AMS 3041

PMUC (French acronym for : Products and Equipments allowed for use in Powerplants by EDF - French Electricity Bo

**MANUFACTURER: BABB CO (Fr)****DESCRIPTION / APPLICATION(S):**

KP42A is a ready-to-use product designed to be used primarily for tests carried out on site, at the workshop, etc.

**Companion product(s):** B104A white background.

**DIRECTIONS FOR USE**

It is recommended to spray the B104A contrast white background first, in order to better improve seeability of black indications that appear against the uniform white background.

KP42A is practically always used as a lost product. However, its performance may be checked with test panel.

For 3 to 5 seconds spray KP42A while magnetizing the part. Let magnetizing on for 2 or 3 seconds after spraying ends.

Inspect with more than 500 lux or 1000 lux, depending on applicable specifications, when used in plain visible light, according standard EN ISO 3059 (it is recommended to use a "cool white" light, colour temperature being more than 4500K and colour rendition index more than 80 or light with an illuminating index of D65. It is recommended NOT TO USE undervoltaged incandescent bulbs, as it often happens with battery-operated units, this giving a yellowish light).

**TECHNICAL CHARACTERISTICS**

Flash point . . . . .	> 60°C
Particle content . . . . .	10 g/L at least
Particles dimensions . . . . .	1 to 10 µm / average 2µm
Settlement rate . . . . .	1,2 to 2,4 mL for 100mL after 60 minutes (ASTM D96)
Aromatics content . . . . .	< 0.05 %

## ***PRECAUTIONS FOR USE AND STORAGE***

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**Transport / Handling :** refer to MSDS (material safety data sheet)

**Storage :** Temperature: 0 to + 50°C, if possible store the product at a lower temperature than 25°C.

Keep away from light, in a reasonably ventilated room.

Keep the packaging closed after taking out some of the product.

**This technical data sheet replaces and cancels the previous one.**

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