Customer Information Sheet

ORDER CODE:
P19-XX21

PROBE HEAD: VARIANT (SEE TABLE)

NOTES:
1. TO BE USED WITH SLEEVE S19-501.
2. SUITABLE FOR A MINIMUM DISTANCE BETWEEN CENTRES OF 1.90mm.

SPECIFICATIONS:

MATERIAL:
- PLUNGER:
  - P19-0121 = STEEL
  - P19-121, P19-2221, P19-4021 = BERYLLIUM COPPER
- BARREL = BRASS
- SPRING = STAINLESS STEEL

FINISH:
- PLUNGER AND BARREL = GOLD

ELECTRICAL:
- CURRENT RATING = 3A
- CONTACT RESISTANCE = 100mΩ MAX AT 2/3 TRAVEL

MECHANICAL:
- DURABILITY = 100,000 CYCLES MIN
- FULL TRAVEL = 2.54mm
- SPRING FORCES:
  - AT FULL TRAVEL = 1.26N±0.25N (128g±20%)
  - AT 2/3 TRAVEL = 0.88N±0.18N (90g±20%)

ENVIRONMENTAL:
- OPERATING TEMPERATURE = -40°C TO +180°C

PROBE HEAD VARIANTS

SPEAR HEAD
P19-0121

CONVEX HEAD
P19-2221

CONCAVE HEAD
P19-1121

SERRATED HEAD
P19-4021

1.90mm MIN. CENTRE TWO-PIECE SPRING PROBE

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