

NOTES:

MECHANICAL REQUIREMENTS:

Durability: 20'000 cycles
 Theoretical Stroke : S = 1.65 mm
 Working stroke between H1 and H2 : S= 1.4 mm
 Spring forces (F):
 Finit= 0.50 N at Hinit= 7.55mm
 F1= 0.57 N at H1= 7.35 mm
 Fnom= 0.87±0.15 N at Hnom= 6.65 mm
 F2= 1.0 N at H2= 5.95 mm
 Recommended working range: between H1 and H2
 Forces are measured in mean value of compression / decompression

ELECTRICAL REQUIREMENTS:



Contact resistance:
 R= 30 mOhms max in static mode at Hnom
 Current per individual contact in free air at ambient temperature:
 ICont= 5 A at Hnom with temperature raise max 30°C

ENVIRONMENTAL REQUIREMENTS:

Operating temperature: -25 °C / +125 °C
 Storage temperature: -40 °C / +125 °C
 Relative humidity: 5% / 95%

MATERIALS / PLATINGS:

Barrel: Brass - 0.125 µm Au / 2.5 µm Ni
 Rod: Brass - 0.5µm Au / 2.5 µm Ni
 Piston: Brass - 0.5 µm Au / 2.5 µm Ni
 Spring: Stainless steel
 Clip: BeCu - 0.5 µm Au / 2.5 µm Ni

5	Clip	1	See notes
4	Spring	1	See notes
3	Rod	1	See notes
2	Piston	1	See notes
1	Barrel	1	See notes
Pos.	Désignation	Qté	Matière - Protection
		90644-AS 0907-02-CLIP 20-187	 Remplace: Remplacé par:
		25:1	Dessiné 24.09.2020 C.Bidault Contrôlé
		N° dessin Révision	
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