



NOTES:

MECHANICAL REQUIREMENTS:

Durability: 20'000 cycles  
Theoretical Working stroke S=1.65 mm  
Working stroke between H1 and H2: S= 1.4 mm

Spring forces (F):

F<sub>init</sub>= 0.50 N at H<sub>init</sub>= 8.05 mm  
F<sub>1</sub>= 0.57 N at H<sub>1</sub>= 7.85 mm  
F<sub>nom</sub>= 0.82±0.15 N at H<sub>nom</sub>= 7.15 mm  
F<sub>2</sub>= 1.0 N at H<sub>2</sub>= 6.45 mm  
Recommended working range: between H<sub>1</sub> and H<sub>2</sub>

Forces are measured in mean value of compression / decompression

ELECTRICAL REQUIREMENTS:

Contact resistance:

R= 30 mOhms max in static mode at H<sub>nom</sub>  
Current per individual contact in free air at ambient temperature:  
I<sub>Cont</sub>= 5 A at H<sub>nom</sub> 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

90645-AS 0907-03-CLIP  
20-187



Remplace:

Remplacé par:

25:1

Dessiné

10.11.2020

C.Bidault

Contrôlé

N° dessin

Révision

0907-03-CLIP

P1



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