



NOTES:

MECHANICAL REQUIREMENTS:

Durability: 20'000 cycles  
Theoretical Stroke  $S = .065$  in  
Working stroke between H1 and H2:  $S = .055$  in  
Spring forces (F):  
Finit= 0.50 N at Hinit= .274 in  
F1= 0.57 N at H1= .269 in  
Fnom= 0.87±0.15 N at Hnom= .250 mm  
F2= 1.0 N at H2= .214 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 - 5 µin Au over Ni  
Rod: Brass - 20 µin Au over Ni  
Piston: Brass - 20 µin Au over Ni  
Spring: Stainless steel  
Clip: BeCu - 20 µin Au over 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

90643-AS  
20-187



Remplace:

Remplacé par:

25:1

Dessiné

23.09.2020

C.Bidault

Contrôlé

N° dessin

Révision

0907-1-CLIP

P1



**preci-dip**  
swiss world connects