



NOTES:

MECHANICAL REQUIREMENTS:

Durability: 20'000 cycles at Hnom (nominal height) (To be validated)
 Theoretical stroke: S= 1.65 mm
 Spring forces (F):
 Finit= 0.50 N at Hinit= 8.05 mm *
 F1= 0.57 N at H1= 7.85 mm *
 Fnom= 0.82±0.15 N at Hnom= 7.15 mm (To be validated)
 F2= 1.0 N at H2= 6.45 mm*
 Recommended working range: between H1 and H2
 Forces are measured in mean value of compression / decompression
 * Theoretical values of spring design

ELECTRICAL REQUIREMENTS:

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

ENVIRONMENTAL REQUIREMENTS:

Operating temperature: -25 °C / +125 °C (To be validated)
 Storage temperature: -40 °C / +125 °C (To be validated)
 Relative humidity: 5% / 95%

MATERIALS / PLATINGS:

Barrel: CuZn36Pb3 - min 0.125 µm Au / 2.5 µm Ni
 Rod: CuSn4Pb4Zn4 - 0.5µm Au / 2.5 µm Ni
 Piston: CuZn36Pb3 - 0.5 µm Au / 2.5 µm Ni
 Spring: Stainless steel DIN 17224
 Clip: BeCu C17200 - 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 20-187		Remplace: Remplacé par:	
		25:1	Dessiné: 10.11.2020 C.Bidault Contrôlé:
		N° dessin	
		0907-3-CLIP	
		Révision	
		P1	