

# Tubular Solenoid Actuator

**multicomp** PRO

**RoHS  
Compliant**



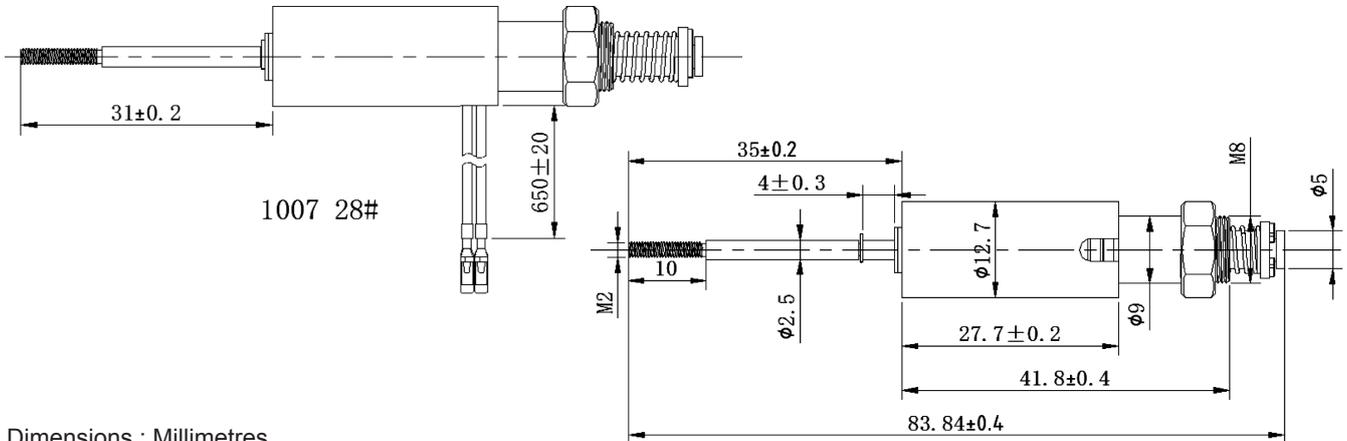
## Specifications

Operating Temperature / Humidity : -20°C to +45°C / 5% to 95% RH  
 Store Temperature / Humidity : -20°C to +65°C / 5% to 60% RH  
 Operating Voltage : 12V DC ±10%.

## Electrical Specifications

Insulation Resistance : 500V DC, ≥50MΩ.  
 Dielectric Strength : 700V AC 50/60Hz  
 Insulation Level : Class B (130°)  
 Wattage : 40W (12V DC, R=3.6Ω±10%)  
 Stroke-Force : 4mm:≥120gf (12V DC)  
 Work Cycle : Pass: off = 0.05 seconds: 0.45 seconds  
 (max. power-on time 2 seconds power-on frequency ED 10%)  
 Temperature Rise : ≤100°C (DC12V, pass 0.05 seconds, break 0.45 seconds once, continuously energize 1H, no load)  
 Response Time : ≥30mS (12V DC, S=6mm, no load)  
 Leading strength : 1Kgf-30 seconds  
 Life (Biometry) : ≥200,000 times

## Diagram



Dimensions : Millimetres

## Part Number Table

Description	Part Number
Tubular Solenoid Actuator, 12V DC, 40W, 120gf	MP001141

**Important Notice** : This data sheet and its contents (the "Information") belong to the members of the AVNET group of companies (the "Group") or are licensed to it. No licence is granted for the use of it other than for information purposes in connection with the products to which it relates. No licence of any intellectual property rights is granted. The Information is subject to change without notice and replaces all data sheets previously supplied. The Information supplied is believed to be accurate but the Group assumes no responsibility for its accuracy or completeness, any error in or omission from it or for any use made of it. Users of this data sheet should check for themselves the Information and the suitability of the products for their purpose and not make any assumptions based on information included or omitted. Liability for loss or damage resulting from any reliance on the Information or use of it (including liability resulting from negligence or where the Group was aware of the possibility of such loss or damage arising) is excluded. This will not operate to limit or restrict the Group's liability for death or personal injury resulting from its negligence. Multicomp Pro is the registered trademark of Premier Farnell Limited 2019.

Newark.com/multicomp-pro  
 Farnell.com/multicomp-pro  
 Element14.com/multicomp-pro

**multicomp** PRO