

## LINEAR POTENTIOMETER - RUN 300mm



### TECHNICAL FEATURES:

- Permissible applied voltage: 28 VDC max
- Measuring range: da 30mm a 1000mm
- Electrical connection: 4 pin connector
- Mechanical life: 100 million cycles
- Excellent repeatability: <0,01mm
- Displacement speed: <5m/s
- Infinite resolution
- IP degree: IP 65
- Rod diameter: Ø6mm
- Resistance tolerance:  $\pm 20\%$
- Load resistance: 100 kOhm min.
- Resistance: 5 kOhm: 30...600mm
- Material: anodized aluminium and stainless steel
- Linearity:
  - $\pm 0,05$  (>200mm);  $\pm 0,1$  (130 - 200mm);  $\pm 0,2$  (75 - 130mm);  $\pm 0,5$  (<75mm)

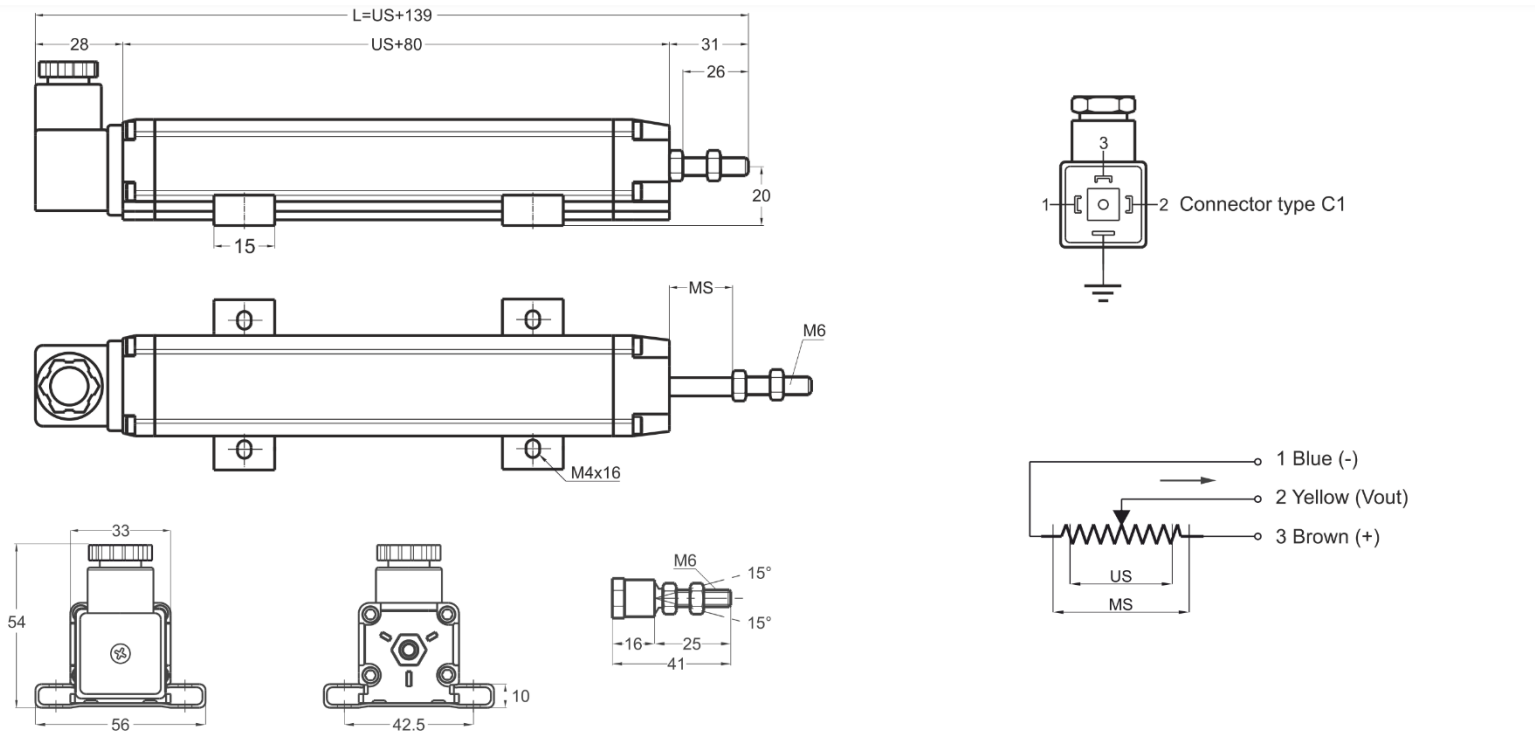
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## LINEAR POTENTIOMETER RUN 300mm DETAILS



| RTL (mm)                    | 30  | 50  | 75  | 100 | 125 | 130 | 150 | 175 | 200 | 225 | 250 | 275 | 300 | 325 | 350 | 375 | 400 | 450 | 500 | 550 | 600 | 650 | 700 | 750 | 800 | 850 | 900  | 1000 |
|-----------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|
| US (Usefull Stroke)         | 30  | 50  | 75  | 100 | 125 | 130 | 150 | 175 | 200 | 225 | 250 | 275 | 300 | 325 | 350 | 375 | 400 | 450 | 500 | 550 | 600 | 650 | 700 | 750 | 800 | 850 | 900  | 1000 |
| MS ±0,5 (Mechanical Stroke) | 33  | 53  | 73  | 103 | 128 | 133 | 153 | 178 | 203 | 228 | 253 | 278 | 303 | 328 | 353 | 373 | 403 | 453 | 503 | 553 | 603 | 653 | 703 | 753 | 803 | 853 | 903  | 1003 |
| L (Total Length)            | 169 | 189 | 214 | 239 | 264 | 269 | 289 | 314 | 339 | 364 | 389 | 414 | 439 | 464 | 489 | 514 | 539 | 589 | 639 | 689 | 739 | 789 | 839 | 889 | 939 | 989 | 1039 | 1139 |