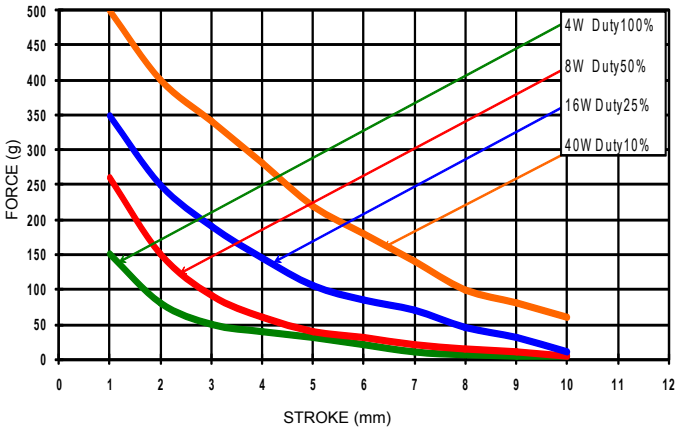
Transmotec

T1130 TUBULAR SOLENOIDS

Solenoids tubular type for linear motion. Small solenoids with low weight designed for maximal force and performance. Low power losses and low acoustic noise during operation. The plunger force and speed can be increased by applying a higher voltage but with respect to the average duty cycle of the application and ambient temperature. The solenoids are made in basically two types, pull type and push type. The push type is a pull type with an extended plunger rod with an exit at the rear side of the solenoid. In standard version both type solenoids are delivered excluding spring.

DIAGRAM



T1130L PULL TYPE

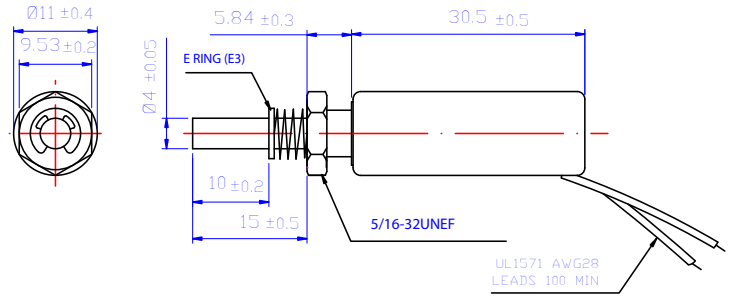
T1130S PUSH TYPE

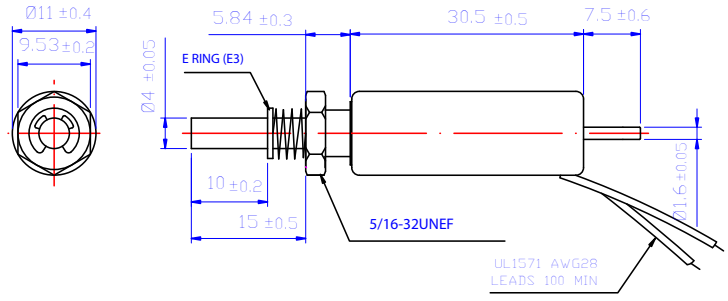
TRANSMOTEC SWEDEN AB

BASIC DATA

Duty cycle (%) = "ON" time / "ON" time+"OFF" time x 100%			Continuous (100%)	Intermittent (50%)	Intermittent (25%)	Intermittent (10%)
Watts at 20*C			4	8	16	40
Maximum "ON" time in seconds			∞	50	5	2
Type no.		Resistance (20*C) ±10%	DC Volts			
T1130L-06V	T1130S-06V	9	6	8.5	12	19
T1130L-12V	T1130S-12V	36	12	17	24	38
T1130L-24V	T1130S-24V	144	24	34	48	76
T1130L-48V	T1130S-48V	576	48	68	96	152

APPEARANCE SIZE





ADDITIONAL DATA

- Insulation grade: E (120 °C), wire A (105 °C)
- Temperature rise: 80 °C continuous, 40 °C ambient with cooling flange
- Isolation resistance: > 100M ohm 500 VDC
- Dielectric strength: AC1000V 50/60Hz 1 minute
- Operating temp. range: -20 °C ~ + 40 °C
- Life expectancy: Standard life 2.000.000 cycles or more
- Total weight: 17g