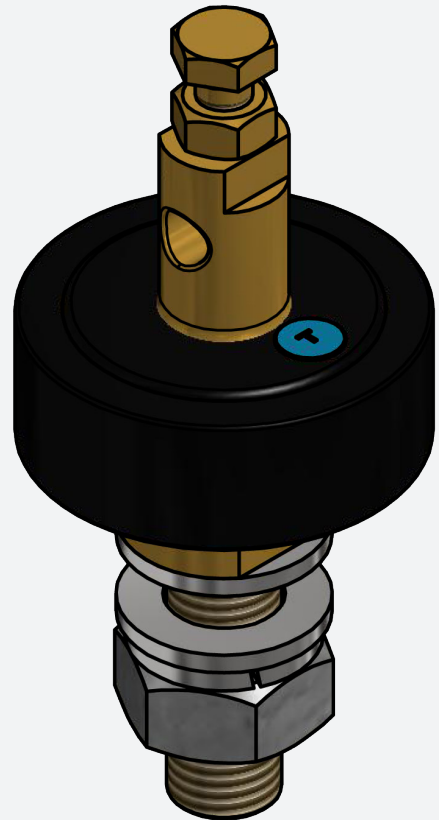
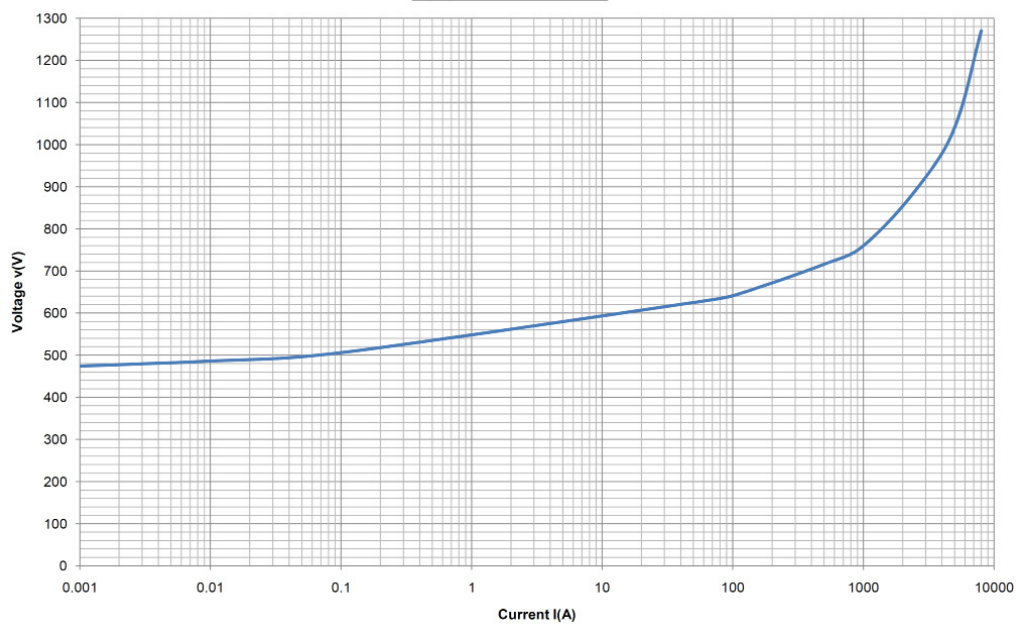


# PDLVL500/1500M

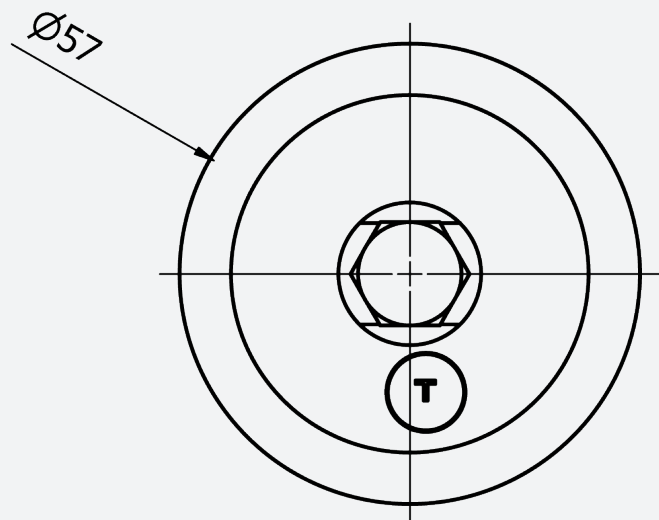
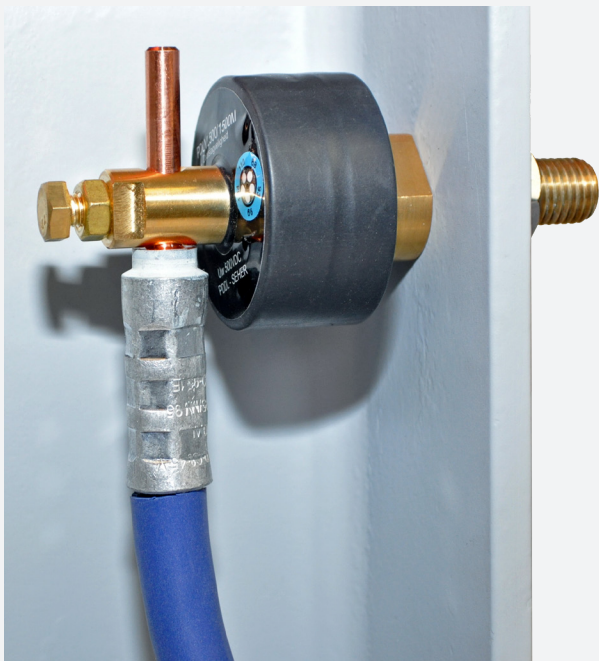
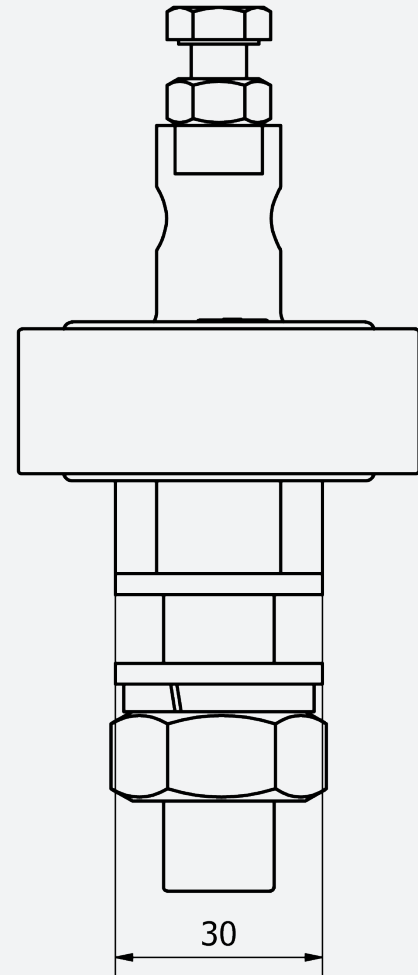
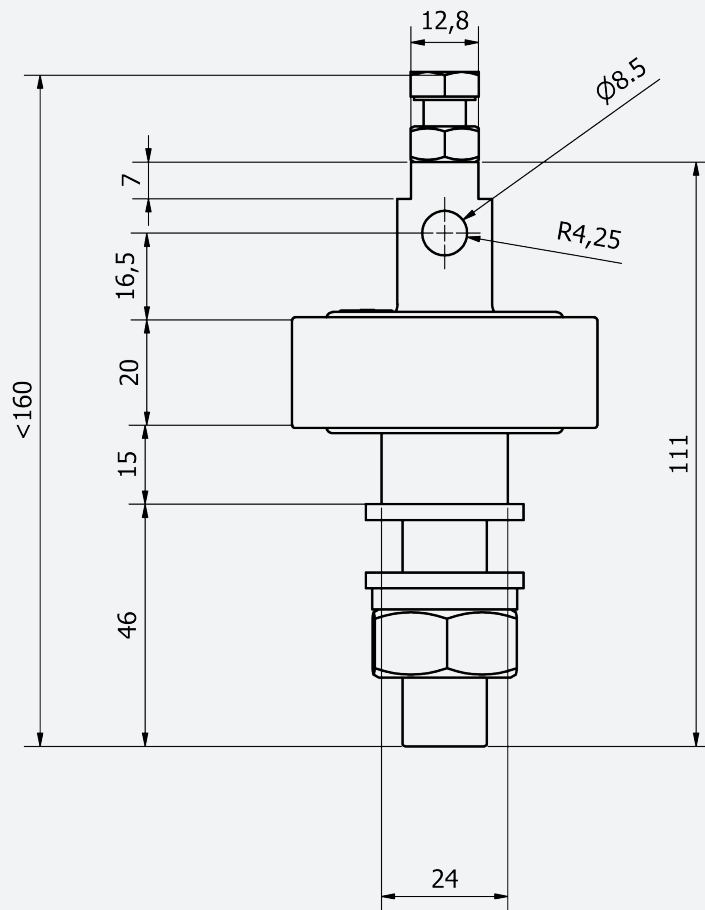


Specifications	
Reference Voltage $U_{ref}$	420V – 500V at 1mA DC
Continuous Operating Voltage $U_c$	320VDC (<10 $\mu$ A) 400VDC (<50 $\mu$ A) 420VDC (<100 $\mu$ A)
Rated Voltage $U_r$	500VDC ( $\leq$ 1mA)
Current @ 520VDC	>20mA
Residual Voltage $U_{res}$	<700V @ 100A <800V @ 1000A
Effective Dynamic Resistance	0.9 $\Omega$ @ 800v 0.5 $\Omega$ @ 800v
Short Circuit Energy Integral	2 x 0.5 x 10 <sup>6</sup> A <sup>2</sup> s 2 x 60 x 10 <sup>6</sup> A <sup>2</sup> s
High Current Impulse	20 x 7.5kA 8/20 $\mu$ s impulse 2 x 100kA 4/10 $\mu$ s impulse
Current @ 120VDC & Superimposed 12v/75hz	<<5mA
Bi-Polar Operation	Non-Polarised
Tightening Torque for M16 fitting	80Nm max
Tightening Torque for M8 fitting	19Nm max
Part Code:	<b>PDLVL500/1500M</b>

**Typical VI Curve**



## Dimensions



All of the above information, including drawings, illustrations and graphic designs, reflects our present understanding and is to the best of our knowledge and belief correct and reliable. Users, however, should independently evaluate the suitability of each product for the desired application. Under no circumstances does this constitute an assurance of any particular quality or performance. Such an assurance is only provided in the context of our product specifications or explicit contractual arrangements. Our liability for these products is set forth in our standard terms and conditions of sale.