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Acustoelectronic pressure sensor DDTAE-25



<i>Measured Parameters</i>	<i>Value</i>	
	<i>min</i>	<i>max</i>
<i>Measured pressure range, hPa</i>	35	2650
<i>Range of maximum permissible pressure values, hPa</i>	5	3300
<i>Pressure absolute error Δ, hPa</i>	-	0,2
<i>Stability (drift of a year), hPa</i>	-	0,1
<i>Sensitivity threshold, Pa</i>	5	50
<i>Operating and measurable temperature range, °C</i>	- 55	+ 85
<i>Temperature absolute error Δ, °C</i>	-	0,1
<i>Frequency range of the output signal of «meander» of the pressure channel, kHz</i>	40	55
<i>Frequency range of the output signal of the «meander» temperature channel, kHz</i>	30	40
<i>Supply voltage, constant, stabilized, V</i>	+ 3,3 / + 5,0	
<i>Power consumption, W</i>	-	0,1
<i>Load resistance, kΩ</i>	5	-

Load capacity, pF	-	680
Length of connection cable, m	0,7	0,8
Sinusoidal vibration: - frequency range, Hz - amplitude of acceleration, m / s^2 (g)	10 – 2000 50 (5)	
Storage temperature, °C	+ 5	+ 40
Protection class	IP 67	
Warranty	1 year	
Shelf life	10 years	
Housing material	Steel 14X17H2	
Dimensions Ø 25 mm; L – 51.5 mm with choke Choke M12x1,5mm, length 15 mm	Ø 25mm; L – 51.5mm with choke; Choke M12×1,5 mm, length 15 mm .	
Weight	≤200g	

Drawing 1
Dimensions

