



### ZEST-3 Signal Line Amplifier for Tachographs

#### Operating ratings:

$\theta_a = -40^{\circ}\text{C} - +85^{\circ}\text{C}$

Symbol	Parameter	Value			Units
		min.		max.	
$U_{CC}$	Power supply voltage	11		32	V
$U_{IH}$	Input voltage - HIGH level	3		$U_{CC}$	V
$U_{IL}$	Input voltage - LOW level	$-U_{CC}$		1,8	V
$U_{OH}$	Output voltage -HIGH level $U_{CC} = 24\text{V}, I_{OH} = -10\text{mA}$	4,4		4,8	V
$U_{OL}$	Output voltage - LOW level $U_{CC} = 24\text{V}, I_{OL} = 0,5\text{mA}$		0,9		V
$f_{IN}$	Input frequency	0		2,5	kHz
$I_{OS}$	Out sink current <sup>1)</sup>	50			mA
$I_{CCH}$	Current consumption-HIGH level (Output current = 0)		28		mA
$I_{CCL}$	Current consumption -LOW level (Output current = 0)		10		mA

1)Single channel output current



