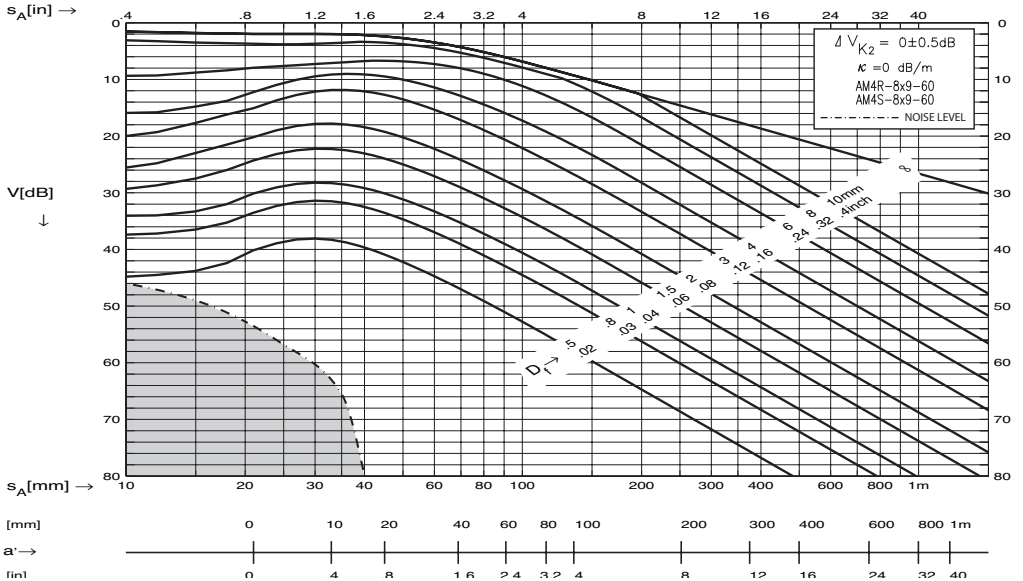


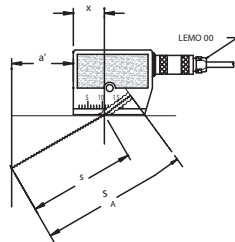
# AM4R-8X9-60



PARAMETER parameter/paramètre	NOMINAL nennwert/nominal	UPPER (+) ober bereich/supérieure	LOWER (-) unterer bereich/inférieure	UNIT meßeinheit/unité
$f_c^1, f_0^2$	4.0	4.4	3.6	MHz
$BW^1, \Delta f_{rel}^2$	40	55	25	%
Z	75	100	50	$\Omega$
$\Phi$	60	80	40	°
N	30	34.5	26.5	mm
Wa6	1.6	1.8	1.4	mm
$W_{b6}^+ / W_{b6}^-$	2.0 / 2.0	2.2 / 2.2	1.8 / 1.8	mm
a	9.0	9.0	8.9	mm
$a_{eff}$	8.6	8.8	8.4	mm
b	8.0	8.0	7.9	mm
$b_{eff}$	7.6	7.8	7.4	mm
$\alpha_{(325m/s)}$	60	62	58	°
$\Delta\alpha/\Delta T$	0.7	0.8	0.6	°/10°C
$lv_{(2743m/s)}$	7.0	8.0	6.0	mm
$\delta$	0	+1	-1	°
e	0	+1	-1	mm
x	13	15	11	mm
$\gamma_{a6}$	2.3	2.8	1.8	°
$\gamma_{b6}$	7.1	8.1	6.1	°
$\gamma_{b6}^+ / \gamma_{b6}^-$	3.7 / 3.4	4.2 / 3.9	3.2 / 2.9	°
M	2	n/a	n/a	mm
$T_r$	-20/+60	n/a	n/a	°C
Waveform duration <sup>1</sup> , Echo width <sup>2</sup> , Echobreite <sup>2</sup> , Largeur de l'echo <sup>2</sup> -20dB	1.0	1.5	n/a	us

## AM4R-8X9-60

AM4R HAS RIGHT LEMO CONNECTOR  
AM4S HAS STRAIGHT LEMO CONNECTOR



$$s_V = 6.0 \pm 1 \text{ mm}$$

$$s = s_A - s_V$$

$s_V$  is the sound field equivalent of delay path length (lv)

$s_V$  entspricht im Schallfeld der Länge der Vorlaufstrecke lv

$s_V$  est l'équivalent du champ acoustique de la longueur de la ligne de retard