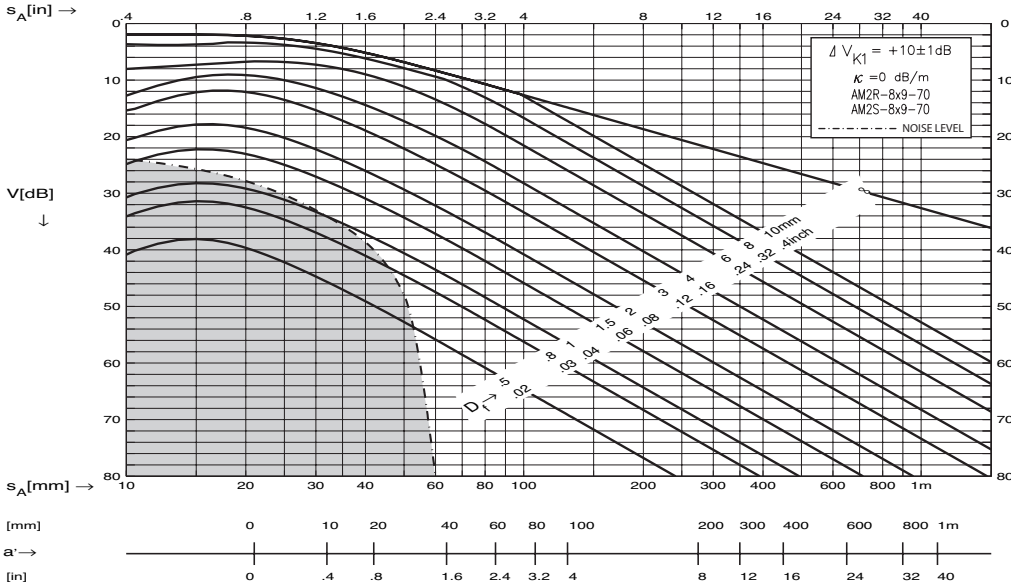


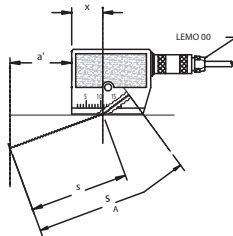
# AM2R-8X9-70



PARAMETER parameter/paramètre	NOMINAL nennwert/nominal	UPPER (+) ober bereich/supérieure	LOWER (-) unterer bereich/inférieure	UNIT meßeinheit/unité
$f_c^1, f_0^2$	2.0	2.2	1.8	MHz
$BW^1, \Delta f_{rel}^2$	40	55	25	%
Z	225	275	175	$\Omega$
$\Phi$	60	80	40	°
N	15	17.3	12.7	mm
$W_{a6}$	1.6	1.8	1.4	mm
$W_{bb^+} / W_{bb^-}$	2.7 / 2.3	2.9 / 2.5	2.5 / 2.1	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
$\alpha_{(325m/s)}$	70	73	67	°
$\Delta\alpha/\Delta T$	0.8	0.9	0.7	°/10°C
$lv_{(2743m/s)}$	8.0	9.0	7.0	mm
$\delta$	0	+1	-1	°
e	0	+1	-1	mm
x	13	15	11	mm
$\gamma_{a6}$	4.5	5.0	4.0	°
$\gamma_{b6}$	15.5	14.5	16.5	°
$\gamma_{bb^+} / \gamma_{bb^-}$	8.4 / 7.1	8.9 / 7.6	7.9 / 6.6	°
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'écho <sup>2</sup> -20dB	2.0	3.0	n/a	us

## AM2R-8X9-70

AM2R HAS RIGHT LEMO CONNECTOR  
AM2S HAS STRAIGHT LEMO CONNECTOR



$$s_V = 7.0 \pm 1 \text{ mm}$$

$$s = s_A - s_V$$

$s_V$  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