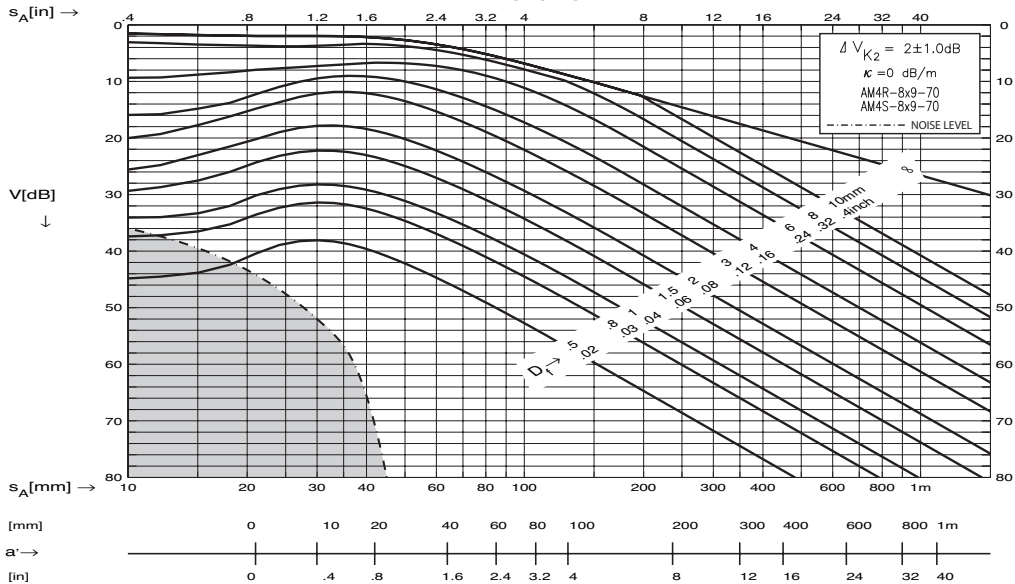


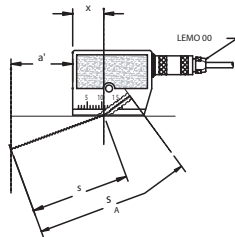
AM4R-8X9-70



PARAMETER parameter/paramètre	NOMINAL nennwert/nominal	UPPER (+) ober bereich/supérieure	LOWER (-) unterer bereich/inférieure	UNIT meßeinheit/unité
f_c^1, f_0^2	4.0	4.4	3.6	MHz
$BW1, \Delta f_{rel}^2$	40	55	25	%
Z	75	100	50	Ω
Φ	60	80	40	°
N	30	34.5	26.5	mm
W_{a6}	1.6	1.8	1.4	mm
W_{b6+} / W_{b6-}	2.5 / 2.5	2.7 / 2.7	2.3 / 2.3	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	72	68	°
$\Delta\alpha/\Delta T$	0.8	0.9	0.7	°/10°C
$lv_{(2743m/s)}$	8.0	9.0	7.0	mm
δ	0	+1	-1	°
e	0	+1	-1	mm
x	13	15	11	mm
γ_{a6}	2.3	2.8	1.8	°
γ_{b6}	9.3	10.3	8.3	°
$\gamma_{b6+} / \gamma_{b6-}$	5.1 / 4.2	5.6 / 4.7	4.6 / 3.7	°
M	2	n/a	n/a	mm
T_r	-20/+60	n/a	n/a	°C
Waveform duration ¹ , Echo width ² , Echobreite ² , Largeur de l'écho ²				
-20dB	1.8	2.7	n/a	us

AM4R-8X9-70

AM4R HAS RIGHT LEMO CONNECTOR
AM4S 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