

# IVS-500 Industrial Vibration Sensor

IVS-500

IVS-500

IVS-500

IVS-500

100 kHz



100

IVS-500





( )				
Entry	EM	10 kHz	0.5 m/s	6
	ER	10 kHz	0.5 m/s	6
Basic	BM	25 kHz	1.0 m/s	7
	BR	25 kHz	1.0 m/s	7
High frequency	HR	100 kHz	1.0 m/s	7

( )	1	m/s/V								
		2	5	12.5	25	50	125	250	500	1,000
10 kHz	μm/s	< 0.01	< 0.01	< 0.02	< 0.02	< 0.04	< 0.08	< 0.16	< 0.32	< 0.64
25 kHz	μm/s	< 0.02	< 0.02	< 0.04	< 0.04	< 0.08	< 0.16	< 0.32	< 0.64	< 1.28
100 kHz	μm/s	< 0.08	< 0.08	< 0.16	< 0.16	< 0.32	< 0.64	< 1.28	< 2.56	< 5.12

1 dB, 1 Hz (RMS)

~ 8

1

5 kHz, 10 kHz, 25 kHz<sup>2</sup>, 50 kHz<sup>3</sup>, 100 kHz<sup>3</sup>

13 Hz / 104 Hz -3dB

ASE

IVS-A-510

- 1
- 2
- 3

IVS-A-510 R HF

1 mW

6

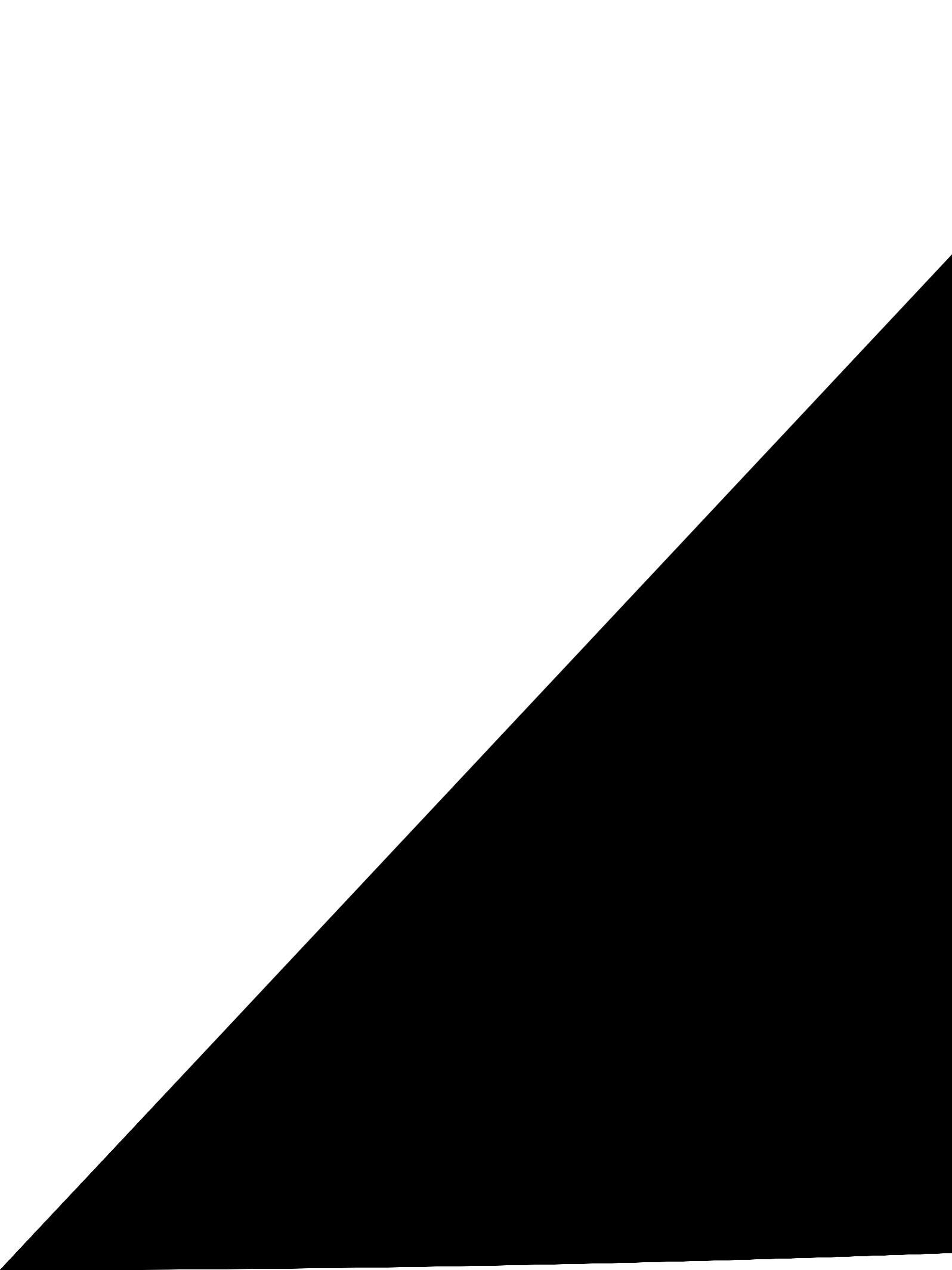
(R)

47 mm

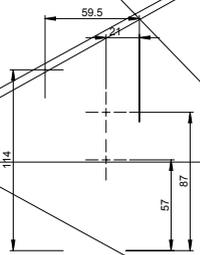
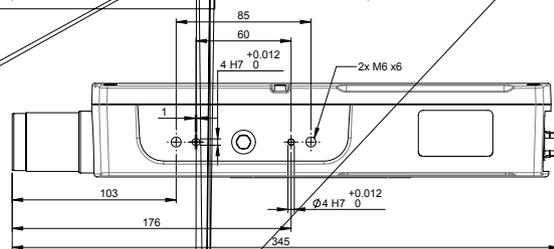
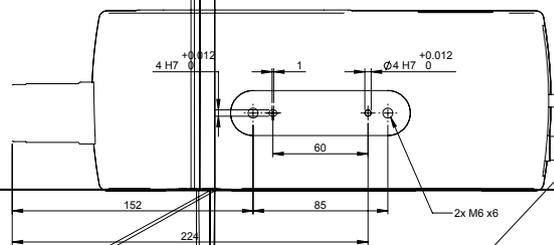
3 m

= 3 mm; n = 0, 1, 2, 3, ...

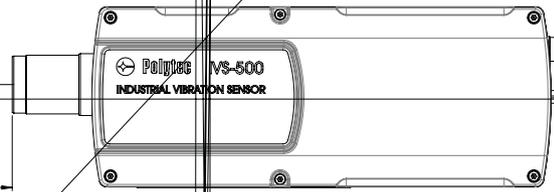
- 1
- 2



mm



Beam  
Stand-off distance



Polytec China