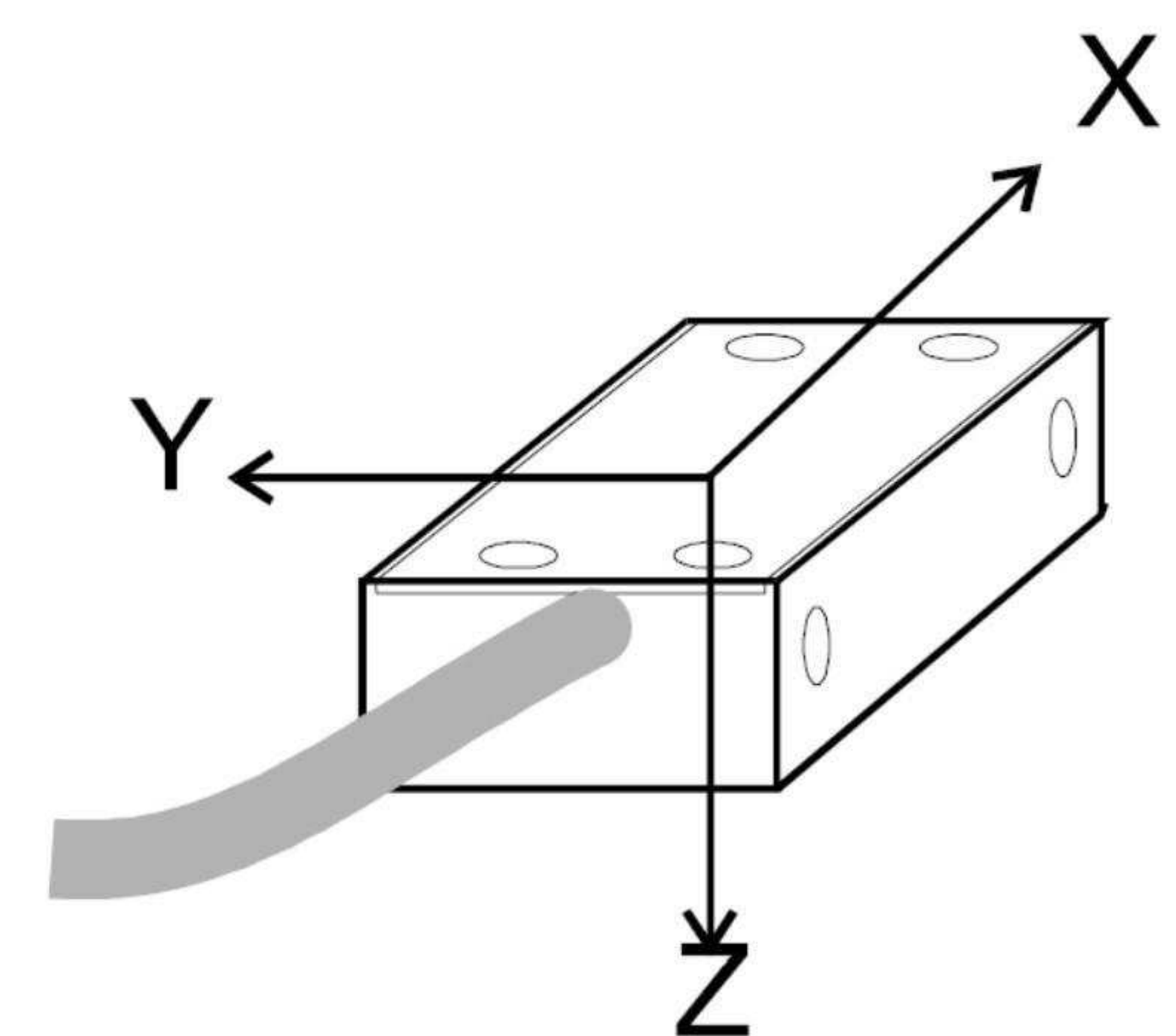
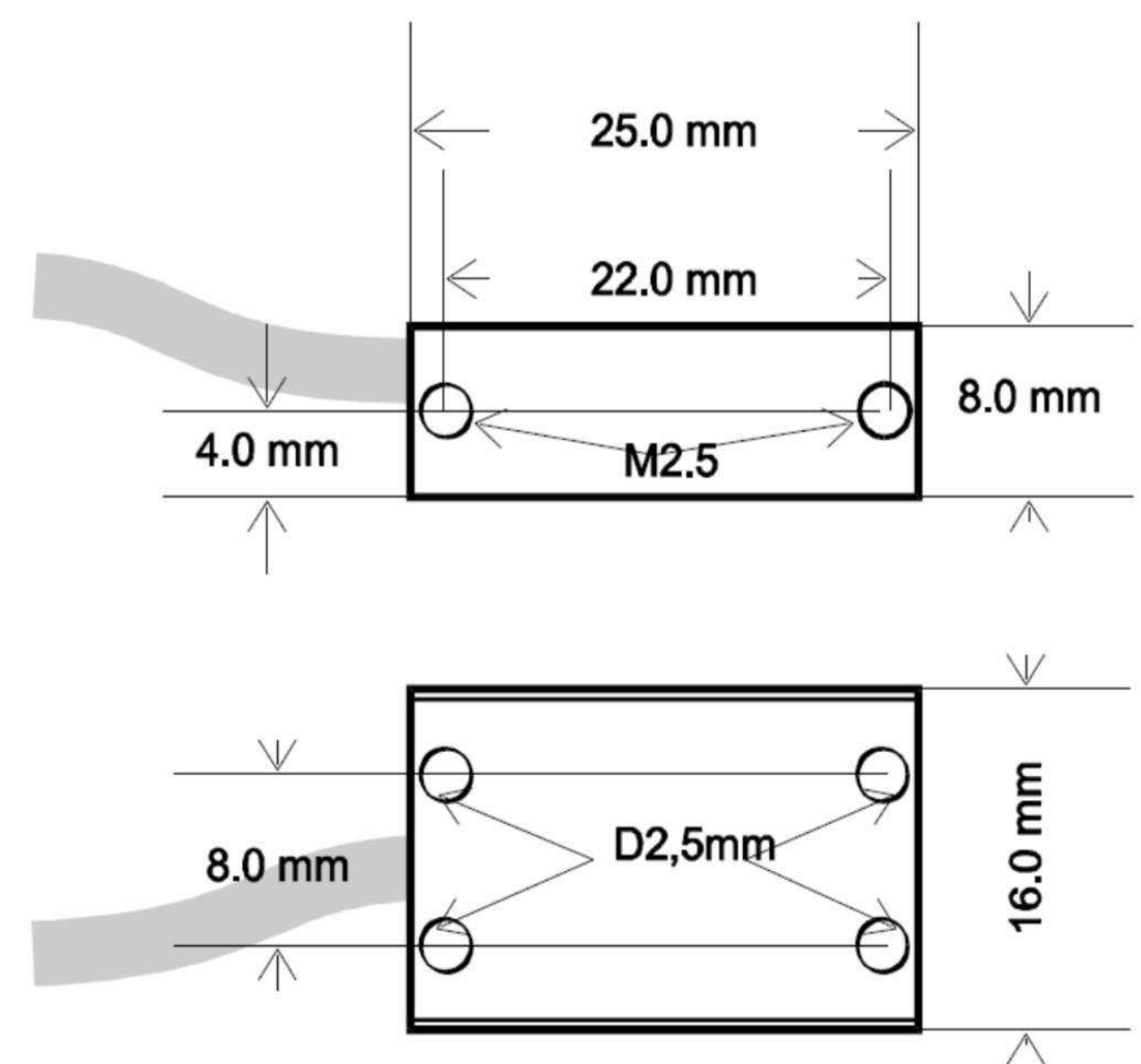


## AC-CAP-3 Analog 1,2 or 3 axis Accelerometer

<b>Range</b>	5 G, 10 G, 15G, 20G
<b>Accuracy</b>	1%
<b>Sensitivity</b>	400 to 100 ± 2%
<b>Cut off frequency</b>	100 Hz
<b>Supply voltage</b>	5 to 16V
<b>Supply current</b>	< 3 mA
<b>Output voltage</b>	0 – 5 V
<b>Output impedance</b>	68 ohms
<b>Signal at 0G</b>	2.5 ± 0.05 V
<b>Resonance</b>	5000Hz
<b>Cross axis sensitivity</b>	2.5 % (X,Y), 3 % (Z)
<b>Offset drift (20 to 80°C)</b>	± 30 mV
<b>Gain drift (20 to 80°C)</b>	± 2.5 %
<b>Dimension</b>	25x16x8 mm
<b>Material</b>	Aluminium
<b>Weight</b>	15g
<b>Protection</b>	IP66
<b>Shock</b>	1000G
<b>Operating Temperature</b>	-20 to +100 °C
<b>Storage Temperature</b>	-40 to +125 °C



Ordering ref ex: AC-CAP3-XB-YB-ZC  
AC-CAP3-XRange-YRange-ZRange

Range				
B	C	D	E	N
±5G	±10G	±15G	±20G	Not wired

### Connections

1 m cable of AWG26 tinned copper isolation FEP  
Black FEP isolation 250V-200°C  
50 mm sleeve of DR25-TW-1/8-0-SP

<b>Red</b>	+ 5 to 16V
<b>Black</b>	0V
<b>Braid</b>	Not connected
<b>White</b>	X axis analog output
<b>Green</b>	Y axis analog output
<b>Yellow</b>	Z axis analog output