Which Sensor Do I Need?

This is a quick reference to see which sensors support your operating conditions and monitoring needs. Ask our team for industry-specific machinery **info@movus.com.au**

MOVUS
SMARTER MACHINE MONITORING

Naming Conventions

vSense = Piezoelectric wired
vEdge = MEMS wired
FitMachine = MEMS wireless
FitPower = Current Monitoring
1x = Uniaxial
3x Triaxial
T = Temperature
RPM = Runspeed measurement
U = Ultrasonic sound measurement
EX = Certified hazardous Environment

Use Cases	Wired Sensors					Wireless Sensors				
	vSense1XT	vSense3XT	vSense3XTRPM	vEdge3XT	vEdge3XTURPM	FitMachine 3XT EX	FitMachine v3	FitMachine v4	FitPower v1	FitPower v2
			Coming Soon		Coming Soon			Coming Soon		Coming Soon
Ultra low speeds < 60 RPM	✓		✓						✓	✓
Low speeds < 300 RPM	✓	✓	✓	✓	✓	✓			✓	✓
Variable speed asset			✓		✓			✓		
Non-rotational asset									✓	✓
Variable loading asset	✓	✓	✓	✓	✓				✓	✓
Non-stationary asset						✓	✓	✓	✓	✓
High vibration asset > ±32G	✓	✓	✓					✓	✓	✓
Low temperature < -10°C	✓	✓	✓		✓					
High temperature > 85°C	✓	✓	✓			✓				
Hazardous environments						✓				
Submerged assets									✓	✓
Low clearance	✓	✓	✓	✓	✓					
Low ongoing maintenance	✓	✓	✓	✓	✓					
Early stage fault detection					✓					
Diagnosis required		✓	✓	✓	✓	✓	✓	✓		✓