

Level Product Selection Guide

| TECHNOLOGY | LIQUIDS | | | | | | | | DRY PRODUCTS | | | | | |
|---|----------------|----------------|-----------------|--------------|-----------------|-----------------------|-----------|-------------|--------------|-------------|----------|----------------|-------|--|
| | Clean | Dirty | Aerated | Viscous | Slurry | Extreme temp. | Foams | Interface | Powders | Grains | Pellets | Aggregates | Rocks | |
| | Typical medium | | | | | | | | | | | | | |
| | Tap water | Primary sewage | Sparkling water | Tomato sauce | China clay slip | High press. hot water | Detergent | Oil & water | Cement | Sand, Wheat | Plastics | Sand & ballast | Coal | |
| Point level | | | | | | | | | | | | | | |
| Horizontal 2 magnet float switch | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | |
| Vertical 3 magnet float switch | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | |
| Vertical 3 magnet displacer | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | |
| Ultrasonic gap level switch | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | |
| Vibrating fork level switch | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | |
| Vibrating rod level switch | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | |
| Capacitance probe | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | |
| Paddle switch | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | |
| Continuous level | | | | | | | | | | | | | | |
| Magnetic level gauge | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | |
| Hydrostatic level transmitter | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | |
| Displacer level transmitter | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | |
| Ultrasonic level transmitters | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | |
| Through-air radar level transmitter | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | |
| Guided wave radar level transmitter | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | |
| Hydrastep electronic level gauging | n/a | n/a | n/a | n/a | n/a | ● | ● | n/a | n/a | n/a | n/a | n/a | n/a | |
| Key: ● Recommended ● Application dependent ● Not Recommended | | | | | | | | | | | | | | |