

Sensors & Assemblies



Sensor Assemblies & Elements



INNOVATIVE SENSOR TECHNOLOGY



BFi OPTILAS, a member of the Acal Electronics group, is a pan-European technical distributor of specialist products and services including design-engineering support, to the electronics and photonics markets.

BFi OPTILAS focuses on niche technology products such as magnetic components, electro-optics, imaging, fibre-optics, RF & microwave and other specialty components, systems, assemblies and metals.

Our manufacturer trained, technically qualified Field Sales Engineers will be able to assist you in all aspects of your design, enabling you to turn your ideas into reality.

Serviced by our modern ISO 9001:2008 approved logistics centre, BFi OPTILAS is able to offer a variety of client specific logistical services including : VMI (Vendor Managed Inventory), EDI processing, tape and reeling, customer-specific bar-coding, Kan-Ban/ship-to-line processes, kitting and assembly and flexible shipping arrangements.

For device selection advice, specific component details and sales enquiries, see how BFi OPTILAS can help.

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Test & Burn-In Sockets



Delay Lines



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Certificate No. RS 00402

Sensors & Assemblies



Sensor Assemblies & Elements

BD Sensors

Precision Pressure Transmitters using Capacitive Ceramic, Piezoresistive, Thick-Film Ceramic & Silicon Sensors

BFI OPTILAS

Custom Designed Temperature & Humidity Assemblies

Bosch

Ultra low power, miniature MEMS acceleration, pressure & angular rate sensors

Colibrys

High Performance MEMS Accelerometers

Fenwal

Thermistors including : Surface Mount & Glass Encapsulated Chips, Uni-curves, LTNs, Glass Beads & Probes, Discs & Sensor Assemblies

GE

Measurement & Control Solutions

Piezoresistive Silicon Differential, Gauge & Absolute Pressure Sensors, CO₂ Sensors, Humidity Sensors

Heraeus

Thin Film Platinum RTDs

Honeywell

Capacitive Humidity Sensors, Platinum RTDs & Pressure Sensors, Thermal Cut Offs & Precision Thermostats

IST

Thin Film RTDs, Capacitive Humidity Sensors & Airflow Sensors

Phoenix

Cable & Temperature Assemblies

Shibaura

Glass Coated Thermistor & Sensor Probe Assemblies

Shinyei

Resistive Humidity Sensors & Transmitter Modules, Particle Sensors

Silicon Sensing

MEMS gyroscope sensors and inertial systems

TEWA

NTC Thermistors & Temperature Assemblies

Uppermost

Varistors, thermistors (NTC & PTC), surge protectors

Test & Burn-In Sockets

3M

Test & Burn-In Sockets for BGA / CSP, PGA, IPGA, DIP+, Receptacles, PLCC, SOIC / SOP, Power Transistors, Laser Diodes

Wells CTI

Test & Burn-In sockets for BGA / CSP, QFN / MLF, SOP, SSOP, TSOP, TSSOP, HSOP, SOJ, PGA, QFP, SQFP, TQFP, MCR, LCC, ZIP, PLCC, DIP, Axial, Radial

Delay Lines

Data Delay Devices

Active & Passive Delay Lines, Programmable Delay Lines, Silicon Delay Lines, Pulse Width Controllers, Pulse Discriminators, Gated Delay Line Oscillators, Frequency Multipliers, Manchester Coders & Electrically Adjustable Delay Lines

PRODUCT MATRIX		BD Sensors	BFI OPTILAS	Bosch	Colibrys	Fenwal	GE	Heraeus	Honeywell	IST	Phoenix	Shibaura	Shinyei	Silicon Sensing	Tewa	Uppermost
Temperature	Elements					•		•		•		•			•	•
	Assemblies		•			•		•		•	•	•			•	•
Humidity	Elements						•		•	•		•	•			
	Modules/Assemblies		•										•			
Pressure	Transducers	•		•			•		•							
	Transmitters	•														
Accelerometer				•	•											
Inclination/Tilt					•											
CO ₂ Detectors							•									
Particle Detectors													•			
MEMS Gyroscopes														•		