

FINE

Sensor Intelligence.





World's first touchscreen sensor

Rugged incremental encoder

IMX4x sensing range of conventional inductive sensors







Protects hazardous areas, entrances, and points

Safety under control – compact, easy and efficient

nanoScan3
SICK's smallest safety laser scanner at 80mm high





PicoScan

High-performance and cost-effective compact LiDAR



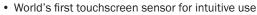
RFU61x

Compact RFID read/write for short sensing ranges

W10



DGS80



- · Class-leading sensing range and stainless steel IP69k rated housing
- Multiple operating modes quickly adapt to a wide range of requirements





- Universal, rugged design and hollow shaft diameter of up to 42 mm allows for flexible integration into countless machine designs
- Reliably measures rotation of large motor shafts up to a speed of 3,600 revolutions per minute







- Greater sensing ranges up to 50mm for higher process performance and reduced wear.
- The industry's first inductive sensor with a 4x sensing range and minimal crosstalk, requiring the same spacing as a typical inductive sensor for side-by-side installations.
- · Less mounting space required than larger standard sensors with comparable sensing ranges.



DeTec4



- Ease of commissioning with integrated alignment aid and alignment LEDs
- · Diagnostic data at your fingertips through the status LEDs, SICK Safety Assistant App, and IO-Link
- Standardized accessories M12 5 pin and 8 pin connections with standard pin out and mounting brackets and system plugs consistent across deTec4 / deTem4 portfolio



FlexiCompact



- · Software-programmable safety controller with modular hardware platform
- · Plan entire safety application in minutes with Safety Designer configuration software
- Safety-over-EtherCAT® backplane bus for efficient data exchange



nanoScan3



- Safe integration with IO, Ethernet/IP™ CIP Safety™ and EFI-Pro
- High-precision measurement data via Ethernet interface
- Protective field range: 3m, FoV: 275°, Fields: Up to 128



sensingCam



- Offers live view into inaccessible machine parts, remote service and easy process monitoring
- Evaluates sporadic errors and surveils critical process steps
- · Takes snapshots for quality documentation



picoScan



- Extreme precision with large scanning range, fine angular resolution and high sensitivity
- Detects small and dark objects in harsh conditions with multi-echo technology
- Integrated processing features can transmit data through various communication interfaces



RFU 610



- · Enables continuous identification along entire value chain for full transparency
- Direct line of sight to data card not required
- Compact size is suitable for small installation spaces





Contact your Great Lakes Automation Supply Account Manager for more information on any of these products and solutions.