

Many complex issues need to be considered when designing for production and processing in the food, beverage and medical industries. Growing hygiene requirements, shorter cleaning intervals, higher concentrations of cleaning agents, new cleaning processes and less accessibility to equipment due to filler encapsulation are just a few of the challenges facing manufacturers and machine designers today. Leuze electronic sensors offer solutions that meet the challenges and exceed the specifications required to help make your applications and processes both cost-effective and hygienic.

**Series 55-**  
**-Designed for Food  
Processing & Packaging**



Seal: TPV  
-Chemically resistant to  
cleaning agents

Housing: stainless steel 316L  
-Wash-down design, IP69K + IP67

Enclosed housing technology:  
-Prevention of bacterial migration

Lens cover: PMMA+ (polymethyl methacrylate)  
-+ special coating enhances chemical  
resistance

Display: PC  
-Disinfectable and diffusion proof

Fixture: stainless steel 316L  
-Prepared for M4 thread

Etched device identification:  
-Durable and disinfectable

Plug / cable: 316L / PVC  
-Disinfectable and diffusion proof

-Size: 14mm x 35mm x 25mm

**Series 53-**  
**-Designed for Pharmaceutical  
Filling & Packaging**



Seal: TPV  
-Chemically resistant to cleaning  
agents

Housing: stainless steel 316L  
-Hygiene design, IP69K + IP67

Enclosed housing technology:  
-Gas tight, prevention of migration

Lens cover: PMMA+ (polymethyl methacrylate)  
-+ special coating stable in contact with H<sub>2</sub>O<sub>2</sub>  
and wiping clean with 70% proof alcohol

Display: PC  
-Disinfectable and diffusion proof

Etched device identification:  
-Durable and disinfectable

Fixture: stainless steel 316L  
-Suitable for gas tight adaption

Cable: PVC  
-Disinfectable and gas tight

-Size 14mmx35mmx20mm