

Your Global Automation Partner

# TURCK

## RU50 Ultrasonic Sensor Eco Line



### Ultrasonic Sensors for OEMs

Turck has expanded its ultrasonic sensor series with the RU50 Eco for price-conscious OEM projects. On the basis of the latest sonic transducer technology, a new ultrasonic sensor was developed, which makes no quality compromises despite its economical alignment.

The devices in a plastic threaded tube are made of highly durable liquid crystal polymer (LCP), the translucent end cap with M12 plug output is made of Ultem plastic. Both plastics have proven their resilience over long periods of use in other Turck products.

The RU50-Eco sensors are currently available with switch output. The customer can choose between a version with M12 plug output and a variant with cable output. The translucent end cap also offers the benefit that the switch condition of the sensor can be clearly recognized from almost every angle of view.

### Your Benefits

- Optimum price/performance ratio
- Easy to use
- Sturdy sensors in plastic housing with integrated LED display

# RU50 - Ultrasonic Sensor Eco Line



## RU50 Eco

- Sensing range 500mm
- M12 plug or cable connection
- PNP and NPN versions
- Smooth sonic transducer face
- Switch point adjustable via teach-in
- LED status display integrated in the connector

## Variants

Ident-No.	Type code	Description	Dimension drawing
100000394	RU50U-S18-AP8X	Switching output PNP	
100000984	RU50U-S18-AN8X	Switching output NPN	
100000746	RU50U-S18-AP8X-H1141	Switching output PNP	
100000983	RU50U-S18-AN8X-H1141	Switching output NPN	

## Application examples



Cover control for bottles



Congestion control



Level monitoring

