



210060
US 18 M 800 IU-B4
Ultrasonic sensor

| Technical data (typ.) | +20°C, 24 V DC |
|--------------------------------------|---|
| Analog output | 0 ... 10 V, 4 ... 20 mA |
| Interface | IO-Link (V1.1, COM2 38.4 kBd, Smart Sensor Profile) |
| Load resistance | > 10 kΩ (0 ... 10 V) / < 400 Ω (4 ... 20 mA) |
| Nominal switching distance (Sn) | 800 mm |
| Range | 80 ... 800 mm |
| Adjustment range | 80 ... 800 mm (Teach in) |
| Resolution | 1.0 mm |
| Standardized measuring plate | 20 x 20 mm |
| Switching hysteresis (max.) | 4 ... 20 mm (Adjustable by IO-Link) |
| Reproducibility | < 1 mm |
| Sensitivity adjustment | Remote teach |
| Display | LED 1x Green - Status, 1x yellow - Switching output |
| Ultrasonic frequency | 200 kHz |
| Switching frequency | 5 Hz ... 10 Hz |
| Readiness delay (max.) | 300 ms |
| Shock/vibration load | 30 g, 11 ms / 10 ... 55 Hz, 1.0 mm |
| Ambient temperature during operation | -25 ... +70 °C |
| Temperature drift | 0.2 %/K (uncompensated) |
| Protection type | IP 67 |
| Connection | Connector, M12, 4-pin |
| Connection cable | VK ... |
| More information / accessories | https://www.di-soric.com/210060 |