



210967
US Q12 M 400 HP G3-T4
Ultrasonic sensor

Technical data (typ.)	+20°C, 24 V DC
Parallel operation possible	No
Functions	Deakt.Poti / NO / NC (Pin 2), Out 1, IO-Link (Pin 4)
Switching output	Push-pull, 150 mA, NO/NC, switchable
Max. switch current	150 mA
Voltage drop (max.)	2 V
Interface	IO-Link (V1.1, COM2 38.4 kBd, Smart Sensor Profile)
Nominal switching distance (Sn)	400 mm
Range	40 ... 400 mm
Adjustment range	40 ... 400 mm (Potentiometer)
Resolution	1.0 mm
Standardized measuring plate	100 x 100 mm
Switching hysteresis (max.)	2 ... 20 mm (Adjustable by IO-Link)
Reproducibility	< 0.5 mm
Sensitivity adjustment	Potentiometer
Display	LED Green - Status, 1x yellow - Switching output
Ultrasonic frequency	300 kHz
Switching frequency	< 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)
Temperature drift	< 1 %/Sn (compensated)
Protection type	IP 67
Connection	Connector, M8, 4-pin
Connection cable	TK ... /4
More information / accessories	https://www.di-soric.com/210967