



211044
OGUL 081 G3-T3
Laser fork light barrier

Technical data (typ.)	+20°C, 24 V DC
Light source	Laser
Laser class	CLASS 1 LASER PRODUCT, 1 (IEC 60825-1:2014 / EN 60825-1:2014)
Color	Red
Wavelength	655 nm (Pp < 0.3 mW t = 3.4 µs)
Modulation	Clocked
Fork opening	80 mm
Resolution (factory setting)	0.05 mm (STANDARD)
Reproducibility (factory setting)	0.01 mm (STANDARD)
Resolution (STANDARD)	0.05 mm
Reproducibility (STANDARD)	0.01 mm
Resolution (HIGH RESOLUTION)	0.04 mm
Reproducibility (HIGH RESOLUTION)	0.01 mm
Resolution (POWER)	0.15 mm
Reproducibility (POWER)	0.015 mm
Resolution (SPEED)	0.05 mm
Reproducibility (SPEED)	0.015 mm
Sensitivity adjustment	Potentiometer or IO-Link
Switching frequency (factory setting)	5000 Hz (STANDARD)
Switching frequency (STANDARD)	5000 Hz
Switching frequency (HIGH RESOLUTION)	2000 Hz
Switching frequency (POWER)	1000 Hz
Switching frequency (SPEED)	10000 Hz
Ambient temperature during operation	-25 ... +60 °C
Protection type	IP 67
Connection	Connector, M8, 3-pin
Connection cable	TK ...
More information / accessories	https://www.di-soric.com/211044