





**210913**  
**OGU 091 G3-T3**  
**Fork light barrier**

| Technical data (typ.)                 | +20°C, 24 V DC  |
|---------------------------------------|---|
| Modulation                            | Clocked   |
| Fork opening                          | 90 mm   |
| Resolution (factory setting)          | 0.3 mm (STANDARD)   |
| Reproducibility (factory setting)     | 0.02 mm (STANDARD)  |
| Resolution (STANDARD)                 | 0.3 mm  |
| Reproducibility (STANDARD)            | 0.02 mm   |
| Resolution (HIGH RESOLUTION)          | 0.2 mm  |
| Reproducibility (HIGH RESOLUTION)     | 0.02 mm   |
| Resolution (POWER)                    | 1 mm  |
| Reproducibility (POWER)               | 0.02 mm   |
| Resolution (SPEED)                    | 0.3 mm  |
| Reproducibility (SPEED)               | 0.02 mm   |
| Sensitivity adjustment                | Potentiometer or IO-Link  |
| Switching frequency (factory setting) | 5000 Hz (STANDARD)  |
| Switching frequency (STANDARD)        | 5000 Hz   |
| Switching frequency (HIGH RESOLUTION) | 1500 Hz   |
| Switching frequency (POWER)           | 250 Hz  |
| Switching frequency (SPEED)           | 8000 Hz   |
| Ambient temperature during operation  | -25 ... +60 °C  |
| Protection type                       | IP 67   |
| Connection                            | Connector, M8, 3-pin  |
| Connection cable                      | TK ...  |
| <b>More information / accessories</b> | <a href="https://www.di-soric.com/210913">https://www.di-soric.com/210913</a> |