

**SPECIFICATIONS**

| <b>Model</b>                       | <b>OWLG4012AE-S2</b>                                           |
|------------------------------------|----------------------------------------------------------------|
| <b>Housing</b>                     | Zinc die casting black                                         |
| <b>Operating temperature range</b> | 0 ~ +50 °C                                                     |
| <b>Connection</b>                  | Plug M8 (4-pin)                                                |
| <b>Protection class</b>            | IP 67                                                          |
| <b>Supply</b>                      | 12 ~ 28 VDC                                                    |
| <b>Power consumption</b>           | max. 100 mA                                                    |
| <b>Analogue outputs</b>            | 0~10 V or 4~20 mA                                              |
| <b>Load resistance</b>             | Voltage output: > 1 M Ω Power output: < (Vs - 6 V DC) / 0,02 A |
| <b>Response time</b>               | < 900 μs                                                       |
| <b>Operation display</b>           | LED green                                                      |
| <b>Alarm- / Clogging indicator</b> | LED red / red blinking                                         |
| <b>Reverse Voltage Protection</b>  | yes                                                            |
| <b>Short circuit protection</b>    | yes                                                            |
| <b>Sensor element</b>              | Photo diode line                                               |
| <b>Light source</b>                | Laser diode, 675 nm                                            |
| <b>Laser protection class</b>      | 2                                                              |
| <b>Measuring range</b>             | 16~120 mm (depending on execution)                             |
| <b>Resolution</b>                  | as of 0,0002 mm                                                |