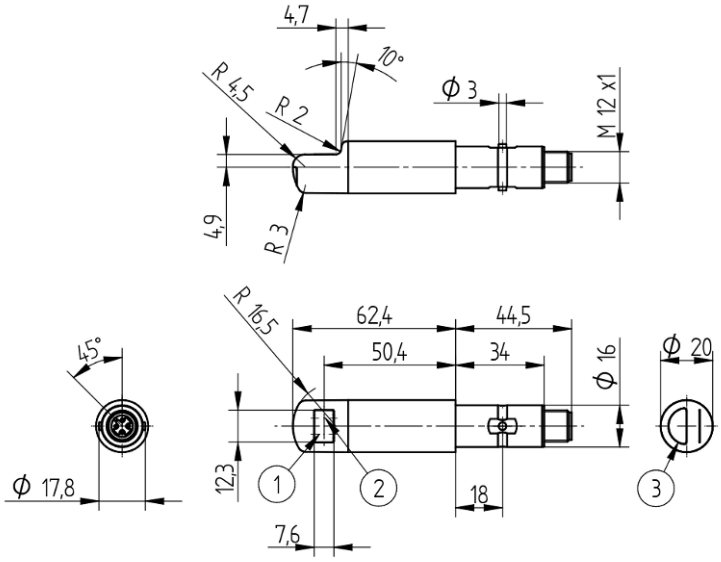
wenglor
the innovative family

Technical Data
OSII403Z0203
Through-Beam Sensor





Symbol	Key
1	Emitters
2	Unused
3	Function indicator

EN

Dimensions in mm
Subject to change without notice
Version 0
www.wenglor.com

Technical data

Optical Data	
Range	4000 mm
Light Source	LED, red
Service Life (T = +25 °C)	100000 h
Opening Angle	3 °

Electrical Data	
Sensor Type	Emitter
Supply Voltage	10...30 V DC
Current Consumption (Ub = 24 V)	< 40 mA
Temperature Drift	< 10 %
Temperature Range	-25...60 °C
Reverse Polarity Protection	yes
Overload Protection	yes
Teach Mode	NT, MT, XT
Test input	yes
Protection Class	III

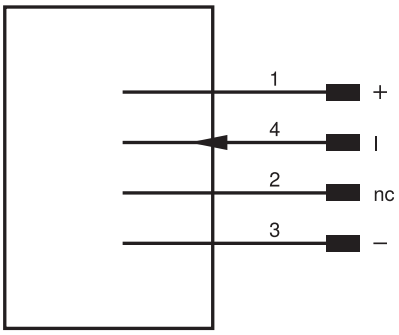
Mechanical Data	
Setting Method	Teach-In
Housing Material	Stainless steel, V4A (1.4404/316L)
Degree of Protection	IP69K IP68
Connection	M12 × 1; 4-pin
Optic Cover	Glass
Material Control Panel	Plastic, PC (FDA)

General Data	
Approvals	Ecolab FDA compliant

All other parameters can be found in the product documentation.

BMECat data	
eCl@ss 5.1.4	27-27-09-01 One-way light barrier
eCl@ss 6.x	27-27-09-01 One-way light barrier
eCl@ss 7.0	27-27-09-01 One-way light barrier
eCl@ss 7.1	27-27-09-01 One-way light barrier
eCl@ss 8.x	27-27-09-01 One-way light barrier
eCl@ss 10.0.1	27-27-09-01 One-way light barrier

Technical illustrations



Pin	Pin function	Polarity
1	Supply Voltage +	
2	Not connected	
3	Supply voltage 0 V	
4		High activ