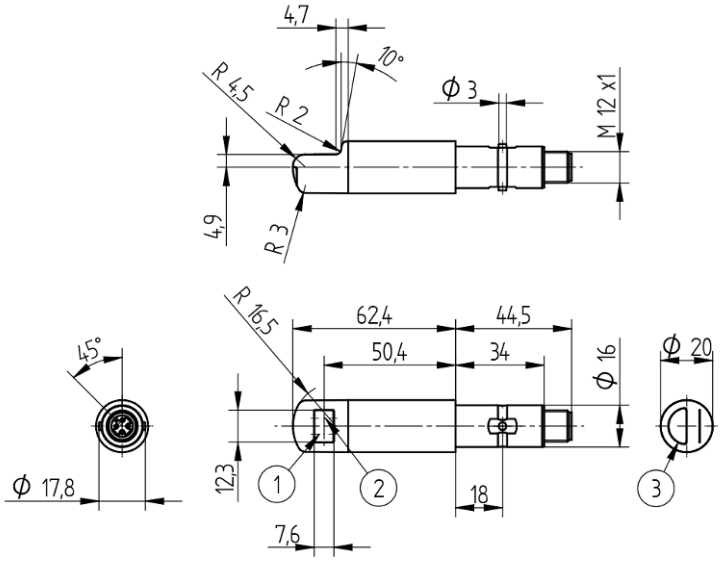
wenglor
the innovative family

Technical Data
OSII403Z0103
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

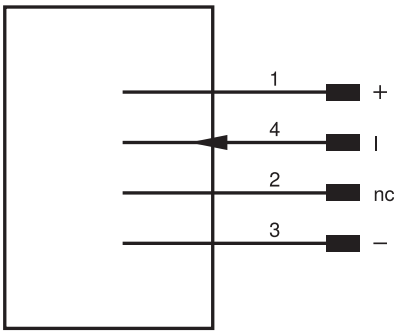
Mechanical Data	
Setting Method	Teach-In
Housing Material	Stainless steel, V4A (1.4404/316L)
Degree of Protection	IP69K IP68
Connection	M12 × 1; 4-pin
Optic Cover	Plastic, PMMA (FDA)
Material Control Panel	Plastic, PC (FDA)

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