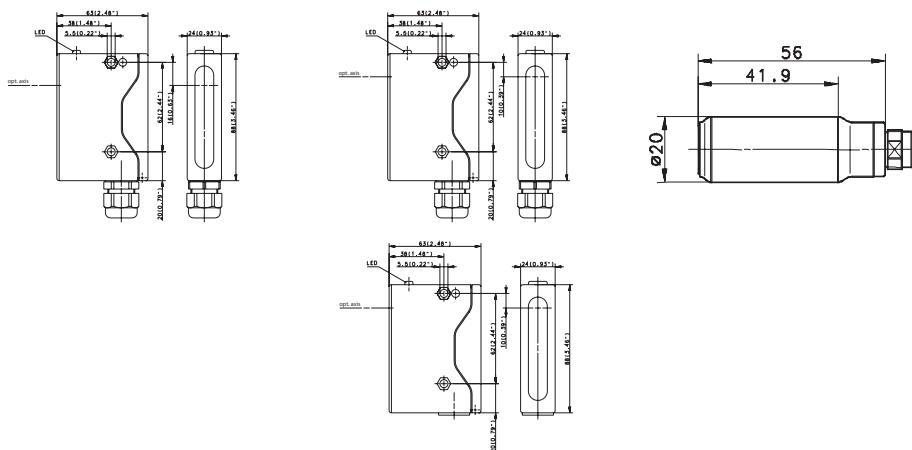


# Optoelectronic Sensors (Type 88 x 63 mm, Ø 20 mm)

Type	88 x 63 x 24 mm	88 x 63 x 24 mm	88 x 63 x 24 mm	Ø 20 mm
Operating mode	Retro-reflective sensor Type R	Through-beam sensor Type T	Through-beam sensor Type T	Diffuse-reflection sensor Type D
Sensing range	8 m	20 m	20 m	200 mm
Type of connection	Connect. space	Connect. space	Connect. space	Connector M12
Special feature				



PNP	Light activated Dark activated Programmable Type		6551886003 OR20EE-DPTP-20.0-ALET		
NPN	Light activated Dark activated Programmable				
Transmitter	Type		6551086003 OR20SE-DOOS-20.0-AV	6551086002 OR20SE-MOOS-20.0-AV	
Relay output	Type	6554686002 OR20RS-MARS-08.0-ALET		6551686004 OR20EE-MARS-20.0-ALET	
NAMUR					
Analogue	Current output Voltage output Type				6557000001 OZZ0RT-DPAP-0200-SE
2-wire	DC AC				

## Technical data

Rated operating voltage	$U_B$	12–265V AC/DC	10–36 VDC	12–265V AC/DC	10–30 VDC
Rated operating current	$I_B$	3 A	200 mA	–	200 mA
Switching frequency (max)	F	> 50 Hz	> 100 Hz	–	–
Short circuit-protection		SCPD external	Cyclic	SCPD external	–
Function/operating voltage indicator		LED/–	LED/–	–/LED	–/–
Sensitivity adjustable		Yes	Yes	–	Yes
Teachable					
Timer function		Yes	Yes	Yes	
Diagnostic function					
Type of light		IR 880 nm	IR 880 nm	IR 880 nm	IR 880 nm

## Mechanical data

Ambient temperature (min/max)		–20°C/+70°C	–20°C/+70°C	–20°C/+70°C	–5°C/+70°C
Protection class in accordance with IEC 529, EN 60529		IP65	IP65	IP65	IP67
Enclosure material		PA, red	PA, red	PA, red	Stainless steel 1.4305
Connection		Connect. space	Connect. space	Connect. space	M12 x 1

Please refer to Accessories for reflectors, mounting brackets, cable couplers and sensor tester.

