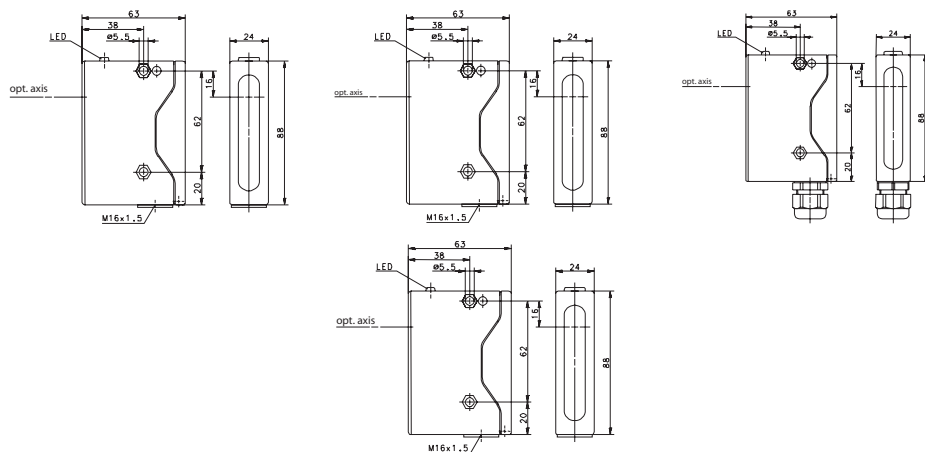


Optoelectronic Sensors (Type 88 x 63 mm)

Type	88 x 63 x 24 mm	88 x 63 x 24 mm		88 x 63 x 24 mm
Operating mode	Diffuse-reflection sensor Type D	Diffuse-reflection sensor Type D	Diffuse-reflection sensor Type D	Diffuse-reflection sensor Type D
Sensing range	400 mm	600 mm	1.5 m	1.5 m
Type of connection	Connect. space	Connect. space	Connect. space	Connect. space
Special feature	①			



PNP	Light activated Type Dark activated Programmable Type		6557886003 OR20RT-DPTP-01.5-ALET	
NPN	Light activated Dark activated Programmable			
Transmitter				
Relay output	Type	6558686002 OR20RH-MAR5-0400-ALET	6557686001 OR20RT-MAR5-0600-ALET	6557686004 OR20RT-MAR5-01.5-ALET
NAMUR				
Analogue	Current output Voltage output			
2-wire	DC AC			

Technical data

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

Mechanical data

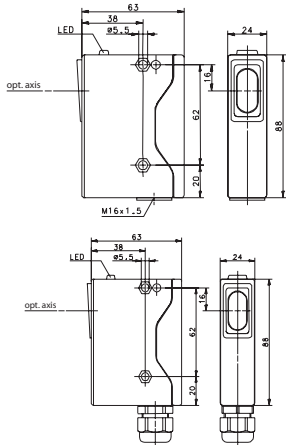
Ambient temperature (min/max)		–20°C/+70°C	–20°C/+70°C	–20°C/+70°C	–20°C/+70°C
Protection class in accordance with IEC 529, EN 60529		IP65	IP65	IP65	IP65
Enclosure material		PA	PA, red	PA	PA, red
Connection		Connect. space	Connect. space	Connect. space	Connect. space

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

① Background suppression



88 x 63 x 24 mm			
Retro-reflective sensor Type R	Retro-reflective sensor Type R		
6 m	6 m		
Connect. space polarised	Connect. space polarised		



6555886001 OR20PS-DPTP-06.0-ALET							
	6555686002 OR20PS-MAR5-06.0-ALET						

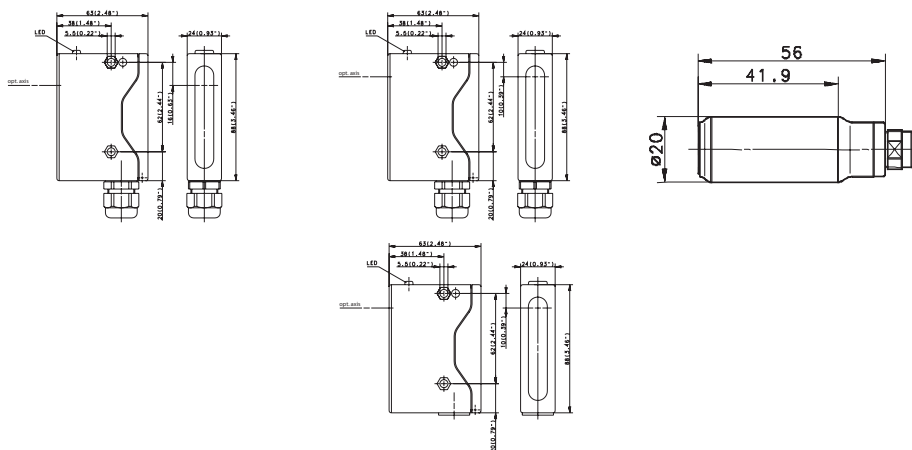
10-36 VDC	12-265V AC/DC		
200 mA	3 A		
> 100 Hz	> 50 Hz		
Cyclic	SCPD external		
LED/-	LED/-		
Yes	Yes		
IR 880 nm	IR 880 nm		

-20°C/+70°C	-20°C/+70°C		
IP65	IP65		
PA, red	PA, red		
Connect. space	Connect. space		



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	10–36VDC	12–265V AC/DC	10–30VDC
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.

