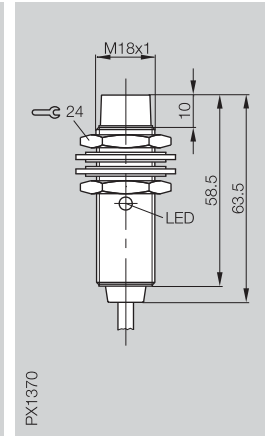
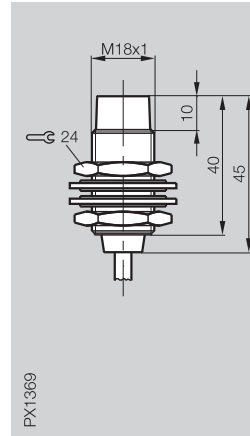
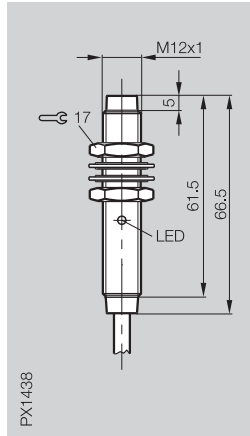
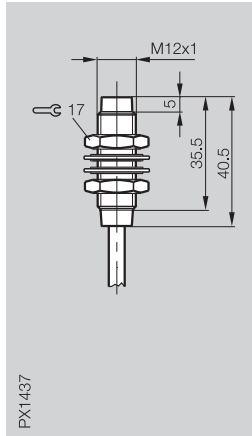


Housing size	<b>M12x1</b>	<b>M12x1</b>	<b>M18x1</b>	<b>M18x1</b>
Type	Transmitter ←.....→	Output sensor	Transmitter ←.....→	Output sensor
Transmission distance	<b>2 mm</b>		<b>5 mm</b>	
Installation type	flush/non-flush	flush/non-flush	flush/non-flush	flush/non-flush



Transmitter	RXT 1202-PU-05	RXT 1805-PU-05		
Output sensor PNP	RXE 1202P-PU-05	RXE 1805P-PU-05		
Assured Transmission distance	0...1.6 mm flush 0...2 mm non-flush	0...1.6 mm flush 0...2 mm non-flush	0...4 mm flush 0...5 mm non-flush	0...4 mm flush 0...5 mm non-flush
Supply voltage $U_B$ incl. ripple		24 V $\pm$ 5 %		24 V $\pm$ 5 %
Rated insulation voltage $U_i$	75 V DC		75 V DC	
Rated operational current $I_o$		$\leq$ 100 mA		$\leq$ 100 mA
No-load supply current $I_o$ max.		$\leq$ 25 mA		$\leq$ 25 mA
Off-state current $I_r$		$\leq$ 80 $\mu$ A		$\leq$ 80 $\mu$ A
Short circuit protected		yes		yes
Tightening torque	15 Nm	15 Nm	40 Nm	40 Nm
Ambient temperature range $T_a$	0...+50 °C	0...+50 °C	0...+50 °C	0...+50 °C
Switching frequency f		25 Hz		25 Hz
Function indicator		yes		yes
Degree of protection per IEC 60529	IP 67	IP 67	IP 67	IP 67
Housing material	Nickel plated brass	Nickel plated brass	Nickel plated brass	Nickel plated brass
Material of sensing face	ABS/PBT	ABS/PBT	PA 12	PA 12
Connection type	5 m PUR cable	5 m PUR cable	5 m PUR cable	5 m PUR cable
No. of wires $\times$ cross-section	2 $\times$ 0.5 mm <sup>2</sup>	3 $\times$ 0.3 mm <sup>2</sup>	2 $\times$ 0.5 mm <sup>2</sup>	3 $\times$ 0.3 mm <sup>2</sup>

Connection for 1 RXD-Sensor or electromechanical switch

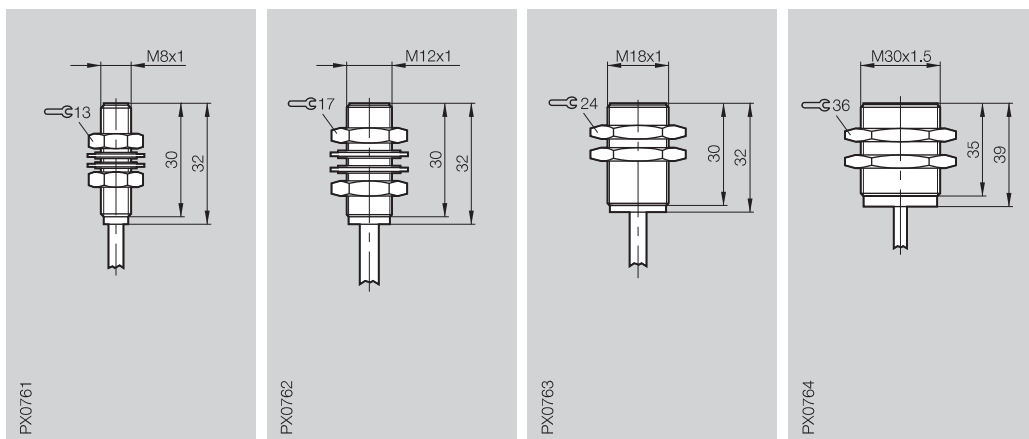
For your electrical planning, please ask for the user's guide!



**Switching and transmission distances**

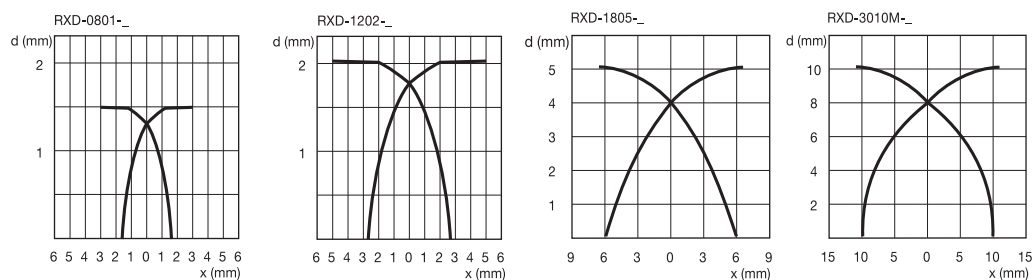
Sensors			Transmitter			Output sensor		
Ordering code	Housing size	Rated operating distance	Ordering code	Housing size	Transmission distance	Ordering code	Housing size	Output circuit
RXD 0801	M8	1.5 mm	RXT 1202	M12	2 mm	RXE 1202P	M12	PNP/NO
RXD 1202	M12	2 mm				RXE 1805P	M18	PNP/NO
RXD 1805	M18	5 mm						
RXD 3010M	M30	10 mm						

Housing size	<b>M8x1</b>	<b>M12x1</b>	<b>M18x1</b>	<b>M30x1.5</b>
Installation type	flush	flush	flush	flush
Rated operating distance $s_n$	<b>1.5 mm</b>	<b>2 mm</b>	<b>5 mm</b>	<b>10 mm</b>
Assured operating distance $s_a$	1.2 mm	1.6 mm	4.1 mm	8.1 mm

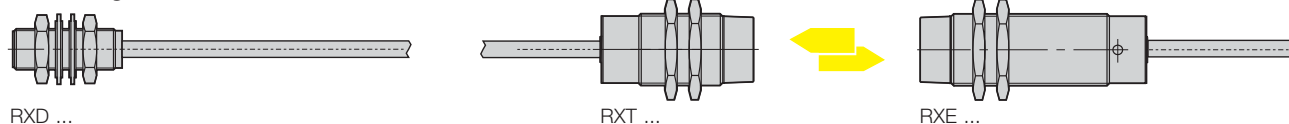


Normally open	RXD 0801-PU-01	RXD 1202-PU-01	RXD 1805-PU-01	RXD 3010M-PU-01
Ambient temperature range $T_a$	0...+50 °C	0...+50 °C	0...+50 °C	0...+50 °C
Degree of protection per IEC 60529	IP 67	IP 67	IP 67	IP 67
Housing material	Stainless steel	Nickel plated brass	Nickel plated brass	Nickel plated brass
Connection type	1 m PUR cable	1 m PUR cable	1 m PUR cable	1 m PUR cable
Switching hysteresis H	≤ 20 % of $s_r$	≤ 20 % of $s_r$	≤ 20 % of $s_r$	≤ 20 % of $s_r$

Other cable lengths and PVC cable jacket material on request.



### Switching and transmission distances



### Sensors

Ordering code	Housing size	Rated operating distance
RXD 0801	M8	1.5 mm
RXD 1202	M12	2 mm
RXD 1805	M18	5 mm
RXD 3010M	M30	10 mm

### Transmitter

Ordering code	Housing size	Transmission distance
RXT 1202	M12	2 mm
RXT 1805	M18	5 mm

### Output sensor

Ordering code	Housing size	Output circuit
RXE 1202P	M12	PNP/NO
RXE 1805P	M18	PNP/NO