

Product variant	Functional principle	Functional principle detail	Object distance (min.)	Object distance (max.)	Switching output	Switching output detail	Switching mode	Connection type
WL100-2N1429	Photoelectric retro-reflective sensor	With minimum distance to reflector (dual lens system)	10 mm	3000 mm	NPN	NPN	Light/dark switching	cable
WL100-2N1432S06	Photoelectric retro-reflective sensor	With minimum distance to reflector (dual lens system)	10 mm	7200 mm	NPN	NPN	Light/dark switching	cable
WL100-2N1439	Photoelectric retro-reflective sensor	With minimum distance to reflector (dual lens system)	10 mm	7200 mm	NPN	NPN	Light/dark switching	cable
WL100-2N3429	Photoelectric retro-reflective sensor	With minimum distance to reflector (dual lens system)	10 mm	3000 mm	NPN	NPN	Light/dark switching	male connector
WL100-2N3439	Photoelectric retro-reflective sensor	With minimum distance to reflector (dual lens system)	10 mm	7200 mm	NPN	NPN	Light/dark switching	male connector
WL100-2N4429	Photoelectric retro-reflective sensor	With minimum distance to reflector (dual lens system)	10 mm	3000 mm	NPN	NPN	Light/dark switching	male connector
WL100-2N4439	Photoelectric retro-reflective sensor	With minimum distance to reflector (dual lens system)	10 mm	7200 mm	NPN	NPN	Light/dark switching	male connector
WL100-2P0330S10	Photoelectric retro-reflective sensor	With minimum distance to reflector (dual lens system)	10 mm	7200 mm	PNP	PNP	Light switching	cable with male connector
WL100-2P1332S07	Photoelectric retro-reflective sensor	With minimum distance to reflector (dual lens system)	10 mm	7200 mm	PNP	PNP	Light switching	cable
WL100-2P1332S08	Photoelectric retro-reflective sensor	With minimum distance to reflector (dual lens system)	10 mm	7200 mm	PNP	PNP	Light switching	cable
WL100-2P1332S17	Photoelectric retro-reflective sensor	With minimum distance to reflector (dual lens system)	10 mm	7200 mm	PNP	PNP	Light switching	cable with male connector
WL100-2P1409S31	Photoelectric retro-reflective sensor	With minimum distance to reflector (dual lens system)	10 mm	7200 mm	PNP	PNP	Light/dark switching	cable with male connector
WL100-2P1409S34	Photoelectric retro-reflective sensor	With minimum distance to reflector (dual lens system)	10 mm	7200 mm	PNP	PNP	Light/dark switching	cable with male connector
WL100-2P1429	Photoelectric retro-reflective sensor	With minimum distance to reflector (dual lens system)	10 mm	3000 mm	PNP	PNP	Light/dark switching	cable
WL100-2P1432S12	Photoelectric retro-reflective sensor	With minimum distance to reflector (dual lens system)	10 mm	7200 mm	PNP	PNP	Light/dark switching	cable with male connector
WL100-2P1439	Photoelectric retro-reflective sensor	With minimum distance to reflector (dual lens system)	10 mm	7200 mm	PNP	PNP	Light/dark switching	cable
WL100-2P1439S22	Photoelectric retro-reflective sensor	With minimum distance to reflector (dual lens system)	10 mm	7200 mm	PNP	PNP	Light/dark switching	cable with male connector

Product variant	Functional principle	Functional principle detail	Object distance (min.)	Object distance (max.)	Switching output	Switching output detail	Switching mode	Connection type
WL100-2P3429	Photoelectric retro-reflective sensor	With minimum distance to reflector (dual lens system)	10 mm	3000 mm	PNP	PNP	Light/dark switching	male connector
WL100-2P3432	Photoelectric retro-reflective sensor	With minimum distance to reflector (dual lens system)	10 mm	7200 mm	PNP	PNP	Light/dark switching	male connector
WL100-2P3439	Photoelectric retro-reflective sensor	With minimum distance to reflector (dual lens system)	10 mm	7200 mm	PNP	PNP	Light/dark switching	male connector
WL100-2P4239S09	Photoelectric retro-reflective sensor	With minimum distance to reflector (dual lens system)	10 mm	6300 mm	PNP	PNP	Dark switching	male connector
WL100-2P4330S14	Photoelectric retro-reflective sensor	With minimum distance to reflector (dual lens system)	10 mm	6300 mm	PNP	PNP	Light switching	male connector
WL100-2P4400S38	Photoelectric retro-reflective sensor	With minimum distance to reflector (dual lens system)	10 mm	7200 mm	PNP	PNP	Light switching	male connector
WL100-2P4429	Photoelectric retro-reflective sensor	With minimum distance to reflector (dual lens system)	10 mm	3000 mm	PNP	PNP	Light/dark switching	male connector
WL100-2P4430S23	Photoelectric retro-reflective sensor	With minimum distance to reflector (dual lens system)	10 mm	7200 mm	PNP	PNP	Light/dark switching	male connector
WL100-2P4439	Photoelectric retro-reflective sensor	With minimum distance to reflector (dual lens system)	10 mm	7200 mm	PNP	PNP	Light/dark switching	male connector
WS/WE100-2N1439	Through-beam photoelectric sensor		0 mm	33000 mm	NPN	NPN	Light/dark switching	cable
WS/WE100-2N1439S07	Through-beam photoelectric sensor		0 mm	33000 mm	NPN	NPN	Light/dark switching	cable
WS/WE100-2N3439	Through-beam photoelectric sensor		0 mm	33000 mm	NPN	NPN	Light/dark switching	male connector
WS/WE100-2N4439	Through-beam photoelectric sensor		0 mm	33000 mm	NPN	NPN	Light/dark switching	male connector
WS/WE100-2P0439S03	Through-beam photoelectric sensor		0 mm	33000 mm	PNP	PNP	Light/dark switching	cable

Product variant	Functional principle	Functional principle detail	Object distance (min.)	Object distance (max.)	Switching output	Switching output detail	Switching mode	Connection type
WS/WE100-2P1239S01	Through-beam photoelectric sensor		0 mm	33000 mm	PNP	PNP	Dark switching	cable
WS/WE100-2P1409S06	Through-beam photoelectric sensor		0 mm	33000 mm	PNP	PNP	Light/dark switching	cable with male connector
WS/WE100-2P1439	Through-beam photoelectric sensor		0 mm	33000 mm	PNP	PNP	Light/dark switching	cable
WS/WE100-2P3439	Through-beam photoelectric sensor		0 mm	33000 mm	PNP	PNP	Light/dark switching	male connector
WS/WE100-2P4439	Through-beam photoelectric sensor		0 mm	33000 mm	PNP	PNP	Light/dark switching	male connector
WT100-2N1419	Photoelectric proximity sensor	Background blanking	4 mm	140 mm	NPN	NPN	Light/dark switching	cable
WT100-2N1439	Photoelectric proximity sensor	Energetic	0 mm	1200 mm	NPN	NPN	Light/dark switching	cable
WT100-2N3419	Photoelectric proximity sensor	Background blanking	4 mm	140 mm	NPN	NPN	Light/dark switching	male connector
WT100-2N3439	Photoelectric proximity sensor	Energetic	0 mm	1200 mm	NPN	NPN	Light/dark switching	male connector
WT100-2N4419	Photoelectric proximity sensor	Background blanking	4 mm	140 mm	NPN	NPN	Light/dark switching	male connector
WT100-2N4439	Photoelectric proximity sensor	Energetic	0 mm	1200 mm	NPN	NPN	Light/dark switching	male connector
WT100-2P0230S11	Photoelectric proximity sensor	Energetic	20 mm	250 mm	PNP	PNP	Updating	cable with male connector
WT100-2P0409S45	Photoelectric proximity sensor	Energetic	0 mm	1200 mm	PNP	PNP	Light/dark switching	cable with male connector

Product variant	Functional principle	Functional principle detail	Object distance (min.)	Object distance (max.)	Switching output	Switching output detail	Switching mode	Connection type
WT100-2P1402S04	Photoelectric proximity sensor	Energetic	0 mm	1200 mm	PNP	PNP	Light/dark switching	cable with male connector
WT100-2P1412S01	Photoelectric proximity sensor	Background blanking	10 mm	170 mm	PNP	PNP	Dark switching	cable with male connector
WT100-2P1419	Photoelectric proximity sensor	Background blanking	4 mm	140 mm	PNP	PNP	Light/dark switching	cable
WT100-2P1432S02	Photoelectric proximity sensor	Energetic	0 mm	1200 mm	PNP	PNP	Updating	cable with male connector
WT100-2P1439	Photoelectric proximity sensor	Energetic	0 mm	1200 mm	PNP	PNP	Light/dark switching	cable
WT100-2P3419	Photoelectric proximity sensor	Background blanking	4 mm	140 mm	PNP	PNP	Light/dark switching	male connector
WT100-2P3439	Photoelectric proximity sensor	Energetic	0 mm	1200 mm	PNP	PNP	Light/dark switching	male connector
WT100-2P4419	Photoelectric proximity sensor	Background blanking	4 mm	140 mm	PNP	PNP	Light/dark switching	male connector
WT100-2P4439	Photoelectric proximity sensor	Energetic	0 mm	1200 mm	PNP	PNP	Light/dark switching	male connector

Product variant	Connection type Detail	Length of cable	Light spot size	Adjustment	Dimension (length)	Dimension (depth)	Dimension (width)	Ambient operation temp. min	Ambient operation temp. max	Items supplied
WL100-2N1429	Cable, 3-wire	2 m	Ø 140 mm	Potentiometer	31 mm	20 mm	11 mm	-25 °C	55 °C	Mounting bracket BEF-W100-A, Reflector P250
WL100-2N1432S06	Cable, 3-wire	2 m	Ø 280 mm	Potentiometer	31 mm	20 mm	11 mm	-25 °C	55 °C	
WL100-2N1439	Cable, 3-wire	2 m	Ø 280 mm	Potentiometer	31 mm	20 mm	11 mm	-25 °C	55 °C	Mounting bracket BEF-W100-A, Reflector P250
WL100-2N3429	Connector M8, 3-pin		Ø 140 mm	Potentiometer	31 mm	20 mm	11 mm	-25 °C	55 °C	Mounting bracket BEF-W100-A, Reflector P250
WL100-2N3439	Connector M8, 3-pin		Ø 280 mm	Potentiometer	31 mm	20 mm	11 mm	-25 °C	55 °C	Mounting bracket BEF-W100-A, Reflector P250
WL100-2N4429	male connector M8, 4-pin		Ø 140 mm	Potentiometer	31 mm	20 mm	11 mm	-25 °C	55 °C	Mounting bracket BEF-W100-A, Reflector P250
WL100-2N4439	male connector M8, 4-pin		Ø 280 mm	Potentiometer	31 mm	20 mm	11 mm	-25 °C	55 °C	Mounting bracket BEF-W100-A, Reflector P250
WL100-2P0330S10	Cable with connector M8, 3-pin	200 mm	Ø 280 mm	none	31 mm	20 mm	11 mm	-25 °C	55 °C	
WL100-2P1332S07	Cable, 3-wire	3 m	Ø 280 mm	none	31 mm	20 mm	11 mm	-25 °C	55 °C	
WL100-2P1332S08	Cable, 3-wire	5 m	Ø 280 mm	none	31 mm	20 mm	11 mm	-25 °C	55 °C	
WL100-2P1332S17	Cable with M12 male connector, 4-pin	290 mm	Ø 280 mm	none	31 mm	20 mm	11 mm	-25 °C	55 °C	
WL100-2P1409S31	Cable with M12 male connector, 4-pin	300 mm	Ø 280 mm	Potentiometer	31 mm	20 mm	11 mm	-25 °C	55 °C	Mounting bracket BEF-W100-A, Reflector P250
WL100-2P1409S34	Cable with M8 male connector, 4-pin	300 mm	Ø 280 mm	Potentiometer	31 mm	20 mm	11 mm	-25 °C	55 °C	Mounting bracket BEF-W100-A, Reflector P250
WL100-2P1429	Cable, 3-wire	2 m	Ø 140 mm	Potentiometer	31 mm	20 mm	11 mm	-25 °C	55 °C	Mounting bracket BEF-W100-A, Reflector P250
WL100-2P1432S12	Cable with M8 male connector, 4-pin	200 mm	Ø 280 mm	Potentiometer	31 mm	20 mm	11 mm	-25 °C	55 °C	
WL100-2P1439	Cable, 3-wire	2 m	Ø 280 mm	Potentiometer	31 mm	20 mm	11 mm	-25 °C	55 °C	Mounting bracket BEF-W100-A, Reflector P250
WL100-2P1439S22	Cable with M12 male connector, 4-pin	310 mm	Ø 280 mm	Potentiometer	31 mm	20 mm	11 mm	-25 °C	55 °C	Reflector P250

Product variant	Connection type Detail	Length of cable	Light spot size	Adjustment	Dimension (length)	Dimension (depth)	Dimension (width)	Ambient operation temp. min	Ambient operation temp. max	Items supplied
WL100-2P3429	Connector M8, 3-pin		Ø 140 mm	Potentiometer	31 mm	20 mm	11 mm	-25 °C	55 °C	Mounting bracket BEF-W100-A, Reflector P250
WL100-2P3432	Connector M8, 3-pin		Ø 280 mm	Potentiometer	31 mm	20 mm	11 mm	-25 °C	55 °C	
WL100-2P3439	Connector M8, 3-pin		Ø 280 mm	Potentiometer	31 mm	20 mm	11 mm	-25 °C	55 °C	Mounting bracket BEF-W100-A, Reflector P250
WL100-2P4239S09	male connector M8, 4-pin		Ø 280 mm	none	31 mm	20 mm	11 mm	-25 °C	55 °C	
WL100-2P4330S14	male connector M8, 4-pin		Ø 280 mm	none	31 mm	20 mm	11 mm	-25 °C	55 °C	
WL100-2P4400S38	male connector M8, 4-pin		Ø 280 mm	none	31 mm	20 mm	11 mm	-25 °C	55 °C	
WL100-2P4429	male connector M8, 4-pin		Ø 140 mm	Potentiometer	31 mm	20 mm	11 mm	-25 °C	55 °C	Mounting bracket BEF-W100-A, Reflector P250
WL100-2P4430S23	male connector M8, 4-pin		Ø 280 mm	Potentiometer	31 mm	20 mm	11 mm	-25 °C	55 °C	Reflector P250
WL100-2P4439	male connector M8, 4-pin		Ø 280 mm	Potentiometer	31 mm	20 mm	11 mm	-25 °C	55 °C	Mounting bracket BEF-W100-A, Reflector P250
WS/WE100-2N1439	Cable, 3-wire	2 m	Ø 850 mm	Potentiometer	31 mm	20 mm	11 mm	-25 °C	55 °C	2 Stainless steel mounting brackets (1.4301/304) BEF-W100- A
WS/WE100-2N1439S07	Cable, 3-wire	2 m	Ø 850 mm	Potentiometer	31 mm	20 mm	11 mm	-25 °C	55 °C	2 Stainless steel mounting brackets (1.4301/304) BEF-W100- A
WS/WE100-2N3439	Connector M8, 3-pin		Ø 850 mm	Potentiometer	31 mm	20 mm	11 mm	-25 °C	55 °C	2 Stainless steel mounting brackets (1.4301/304) BEF-W100- A
WS/WE100-2N4439	male connector M8, 4-pin		Ø 850 mm	Potentiometer	31 mm	20 mm	11 mm	-25 °C	55 °C	2 Stainless steel mounting brackets (1.4301/304) BEF-W100- A
WS/WE100-2P0439S03	Cable, 3-wire	300 mm	Ø 850 mm	Potentiometer	31 mm	20 mm	11 mm	-25 °C	55 °C	2 Stainless steel mounting brackets (1.4301/304) BEF-W100- A

Product variant	Connection type Detail	Length of cable	Light spot size	Adjustment	Dimension (length)	Dimension (depth)	Dimension (width)	Ambient operation temp. min	Ambient operation temp. max	Items supplied
WS/WE100-2P1239S01	Cable, 3-wire	5 m	Ø 850 mm	none	31 mm	20 mm	11 mm	-25 °C	55 °C	2 Stainless steel mounting brackets (1.4301/304) BEF-W100- A
WS/WE100-2P1409S06	Cable with connector M8, 3-pin	200 mm	Ø 850 mm	Potentiometer	31 mm	20 mm	11 mm	-25 °C	55 °C	2 Stainless steel mounting brackets (1.4301/304) BEF-W100- A
WS/WE100-2P1439	Cable, 3-wire	2 m	Ø 850 mm	Potentiometer	31 mm	20 mm	11 mm	-25 °C	55 °C	2 Stainless steel mounting brackets (1.4301/304) BEF-W100- A
WS/WE100-2P3439	Connector M8, 3-pin		Ø 850 mm	Potentiometer	31 mm	20 mm	11 mm	-25 °C	55 °C	2 Stainless steel mounting brackets (1.4301/304) BEF-W100- A
WS/WE100-2P4439	male connector M8, 4-pin		Ø 850 mm	Potentiometer	31 mm	20 mm	11 mm	-25 °C	55 °C	2 Stainless steel mounting brackets (1.4301/304) BEF-W100- A
WT100-2N1419	Cable, 3-wire	2 m	Ø 8 mm (9	Potentiometer	31 mm	20 mm	11 mm	-25 °C	55 °C	Mounting bracket BEF-W100-A
WT100-2N1439	Cable, 3-wire	2 m	Ø 75 mm (	Potentiometer	31 mm	20 mm	11 mm	-25 °C	55 °C	Mounting bracket BEF-W100-A
WT100-2N3419	Connector M8, 3-pin		Ø 8 mm (9	Potentiometer	31 mm	20 mm	11 mm	-25 °C	55 °C	Mounting bracket BEF-W100-A
WT100-2N3439	Connector M8, 3-pin		Ø 75 mm (	Potentiometer	31 mm	20 mm	11 mm	-25 °C	55 °C	Mounting bracket BEF-W100-A
WT100-2N4419	male connector M8, 4-pin		Ø 8 mm (9	Potentiometer	31 mm	20 mm	11 mm	-25 °C	55 °C	Mounting bracket BEF-W100-A
WT100-2N4439	male connector M8, 4-pin		Ø 75 mm (	Potentiometer	31 mm	20 mm	11 mm	-25 °C	55 °C	Mounting bracket BEF-W100-A
WT100-2P0230S11	cable with Stocko- connector (MKF- 13264)	300 mm	Ø 75 mm (	none	31 mm	20 mm	11 mm	-30 °C	55 °C	
WT100-2P0409S45	Cable with M8 male connector, 4-pin	300 mm	Ø 75 mm (	Potentiometer	31 mm	20 mm	11 mm	-25 °C	55 °C	

Product variant	Connection type Detail	Length of cable	Light spot size	Adjustment	Dimension (length)	Dimension (depth)	Dimension (width)	Ambient operation temp. min	Ambient operation temp. max	Items supplied
WT100-2P1402S04	Cable with M12 male connector, 4-pin	290 mm	Ø 75 mm	Potentiometer	31 mm	20 mm	11 mm	-25 °C	55 °C	
WT100-2P1412S01	cable with Stocko- connector	260 mm	Ø 8 mm	none	31 mm	20 mm	11 mm	-25 °C	55 °C	
WT100-2P1419	Cable, 3-wire	2 m	Ø 8 mm	Potentiometer	31 mm	20 mm	11 mm	-25 °C	55 °C	Mounting bracket BEF-W100-A
WT100-2P1432S02	cable with Stocko- connector (MKF- 13264)	300 mm	Ø 75 mm	Potentiometer	31 mm	20 mm	11 mm	-30 °C	55 °C	
WT100-2P1439	Cable, 3-wire	2 m	Ø 75 mm	Potentiometer	31 mm	20 mm	11 mm	-25 °C	55 °C	Mounting bracket BEF-W100-A
WT100-2P3419	Connector M8, 3-pin		Ø 8 mm	Potentiometer	31 mm	20 mm	11 mm	-25 °C	55 °C	Mounting bracket BEF-W100-A
WT100-2P3439	Connector M8, 3-pin		Ø 75 mm	Potentiometer	31 mm	20 mm	11 mm	-25 °C	55 °C	Mounting bracket BEF-W100-A
WT100-2P4419	male connector M8, 4-pin		Ø 8 mm	Potentiometer	31 mm	20 mm	11 mm	-25 °C	55 °C	Mounting bracket BEF-W100-A
WT100-2P4439	male connector M8, 4-pin		Ø 75 mm	Potentiometer	31 mm	20 mm	11 mm	-25 °C	55 °C	Mounting bracket BEF-W100-A

Product variant	Switching mode selector	Switching frequency	Response time	Sensing range	Sensing range max.
WL100-2N1429	selectable via light/dark rotary switch	1000 Hz	≤ 0.5 ms	3 m	2 ... 4 m
WL100-2N1432S06	selectable via light/dark rotary switch	1000 Hz	≤ 0.5 ms	7.2 m	7 ... 12 m
WL100-2N1439	selectable via light/dark rotary switch	1000 Hz	≤ 0.5 ms	7.2 m	7 ... 12 m
WL100-2N3429	selectable via light/dark rotary switch	1000 Hz	≤ 0.5 ms	3 m	2 ... 4 m
WL100-2N3439	selectable via light/dark rotary switch	1000 Hz	≤ 0.5 ms	7.2 m	7 ... 12 m
WL100-2N4429	selectable via light/dark rotary switch	1000 Hz	≤ 0.5 ms	3 m	2 ... 4 m
WL100-2N4439	selectable via light/dark rotary switch	1000 Hz	≤ 0.5 ms	7.2 m	7 ... 12 m
WL100-2P0330S10		1000 Hz	≤ 0.5 ms	7.2 m	7 ... 12 m
WL100-2P1332S07		1000 Hz	≤ 0.5 ms	7.2 m	7 ... 12 m
WL100-2P1332S08		1000 Hz	≤ 0.5 ms	7.2 m	7 ... 12 m
WL100-2P1332S17		1000 Hz	≤ 0.5 ms	7.2 m	7 ... 12 m
WL100-2P1409S31	selectable via light/dark rotary switch	1000 Hz	≤ 0.5 ms	7.2 m	7 ... 12 m
WL100-2P1409S34	selectable via light/dark rotary switch	1000 Hz	≤ 0.5 ms	7.2 m	7 ... 12 m
WL100-2P1429	selectable via light/dark rotary switch	1000 Hz	≤ 0.5 ms	3 m	2 ... 4 m
WL100-2P1432S12	selectable via light/dark rotary switch	1000 Hz	≤ 0.5 ms	7.2 m	7 ... 12 m
WL100-2P1439	selectable via light/dark rotary switch	1000 Hz	≤ 0.5 ms	7.2 m	7 ... 12 m
WL100-2P1439S22	selectable via light/dark rotary switch	1000 Hz	≤ 0.5 ms	7.2 m	7 ... 12 m

Product variant	Switching mode selector	Switching frequency	Response time	Sensing range	Sensing range max.
WL100-2P3429	selectable via light/dark rotary switch	1000 Hz	≤ 0.5 ms	3 m	2 ... 4 m
WL100-2P3432	selectable via light/dark rotary switch	1000 Hz	≤ 0.5 ms	7.2 m	7 ... 12 m
WL100-2P3439	selectable via light/dark rotary switch	1000 Hz	≤ 0.5 ms	7.2 m	7 ... 12 m
WL100-2P4239S09	Selectable via L/D control cable	2000 Hz	≤ 0.25 ms	6.3 m	4 ... 7 m
WL100-2P4330S14		2000 Hz	≤ 0.25 ms	6.3 m	4 ... 7 m
WL100-2P4400S38		1000 Hz	≤ 0.5 ms	7.2 m	7 ... 12 m
WL100-2P4429	selectable via light/dark rotary switch	1000 Hz	≤ 0.5 ms	3 m	2 ... 4 m
WL100-2P4430S23	selectable via light/dark rotary switch	1000 Hz	≤ 0.5 ms	7.2 m	7 ... 12 m
WL100-2P4439	selectable via light/dark rotary switch	1000 Hz	≤ 0.5 ms	7.2 m	7 ... 12 m
WS/WE100-2N1439	selectable via light/dark rotary switch	1000 Hz	≤ 0.5 ms	33 m	20 ... 45 m
WS/WE100-2N1439S07	selectable via light/dark rotary switch	1000 Hz	≤ 0.5 ms	33 m	20 ... 45 m
WS/WE100-2N3439	selectable via light/dark rotary switch	1000 Hz	≤ 0.5 ms	33 m	20 ... 45 m
WS/WE100-2N4439	selectable via light/dark rotary switch	1000 Hz	≤ 0.5 ms	33 m	20 ... 45 m
WS/WE100-2P0439S03	selectable via light/dark rotary switch	1000 Hz	≤ 0.5 ms	33 m	20 ... 45 m

Product variant	Switching mode selector	Switching frequency	Response time	Sensing range	Sensing range max.
WS/WE100-2P1239S01		1000 Hz	≤ 0.5 ms	33 m	20 ... 45 m
WS/WE100-2P1409S06	selectable via light/dark rotary switch	1000 Hz	≤ 0.5 ms	33 m	20 ... 45 m
WS/WE100-2P1439	selectable via light/dark rotary switch	1000 Hz	≤ 0.5 ms	33 m	20 ... 45 m
WS/WE100-2P3439	selectable via light/dark rotary switch	1000 Hz	≤ 0.5 ms	33 m	20 ... 45 m
WS/WE100-2P4439	selectable via light/dark rotary switch	1000 Hz	≤ 0.5 ms	33 m	20 ... 45 m
WT100-2N1419	selectable via light/dark rotary switch	1000 Hz	≤ 0.5 ms	140 mm	0 ... 150 m
WT100-2N1439	selectable via light/dark rotary switch	1000 Hz	≤ 0.5 ms	1200 mm	1 ... 2 m
WT100-2N3419	selectable via light/dark rotary switch	1000 Hz	≤ 0.5 ms	140 mm	0 ... 150 m
WT100-2N3439	selectable via light/dark rotary switch	1000 Hz	≤ 0.5 ms	1200 mm	1 ... 2 m
WT100-2N4419	selectable via light/dark rotary switch	1000 Hz	≤ 0.5 ms	140 mm	0 ... 150 m
WT100-2N4439	selectable via light/dark rotary switch	1000 Hz	≤ 0.5 ms	1200 mm	1 ... 2 m
WT100-2P0230S11		1000 Hz	≤ 0.5 ms	250 mm	1 ... 2 m
WT100-2P0409S45	selectable via light/dark rotary switch	1000 Hz	≤ 0.5 ms	1200 mm	1 ... 2 m

Product variant	Switching mode selector	Switching frequency	Response time	Sensing range	Sensing range max.
WT100-2P1402S04	selectable via light/dark rotary switch	1000 Hz	≤ 0.5 ms	1200 mm	1 ... 2 m
WT100-2P1412S01		1000 Hz	≤ 0.5 ms	170 mm	150 ... 500
WT100-2P1419	selectable via light/dark rotary switch	1000 Hz	≤ 0.5 ms	140 mm	0 ... 150 m
WT100-2P1432S02		1000 Hz	≤ 0.5 ms	1200 mm	1 ... 2 m
WT100-2P1439	selectable via light/dark rotary switch	1000 Hz	≤ 0.5 ms	1200 mm	1 ... 2 m
WT100-2P3419	selectable via light/dark rotary switch	1000 Hz	≤ 0.5 ms	140 mm	0 ... 150 m
WT100-2P3439	selectable via light/dark rotary switch	1000 Hz	≤ 0.5 ms	1200 mm	1 ... 2 m
WT100-2P4419	selectable via light/dark rotary switch	1000 Hz	≤ 0.5 ms	140 mm	0 ... 150 m
WT100-2P4439	selectable via light/dark rotary switch	1000 Hz	≤ 0.5 ms	1200 mm	1 ... 2 m