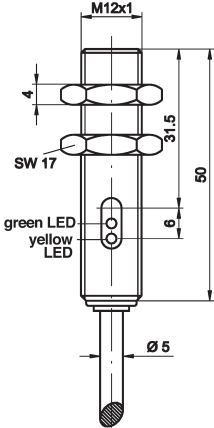
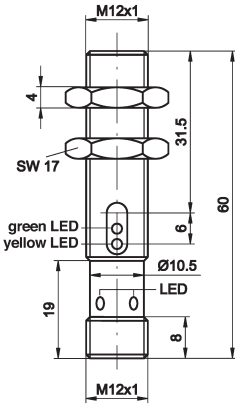
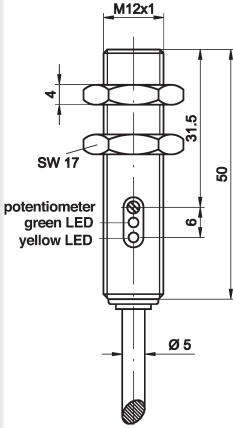
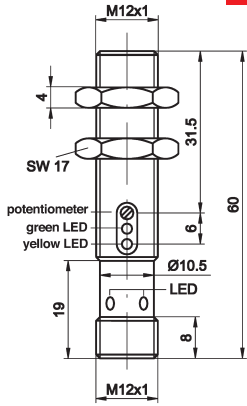


article-no.	OR120106	OR120126	OT120106	OT120126
version	retro-reflective sensor polarizing filter	retro-reflective sensor polarizing filter	dif. reflection sensor with intensity differentiation	dif. reflection sensor with intensity differentiation
sensitivity adjustment	-	-	potentiometer	potentiometer
operating distance / sensing range	1500mm	1500mm	70 ... 300mm	70 ... 300mm
connection	cable	connector	cable	connector
				
TECHNICAL DATA				
operating distance / sensing range	1500mm	1500mm	70 ... 300mm	70 ... 300mm
output signal	pnp dark-on mode	pnp dark-on mode	pnp light-on mode	pnp light-on mode
operating voltage	10 ... 36V DC	10 ... 36V DC	10 ... 36V DC	10 ... 36V DC
current consumption (w/o load)	≤ 15mA	≤ 15mA	≤ 15mA	≤ 15mA
output current (max. load)	200mA	200mA	200mA	200mA
voltage drop (max. load)	2.0V DC	2.0V DC	2.0V DC	2.0V DC
transmitting element (pulsed)	LED, red light	LED, red light	LED, red light	LED, red light
wave length (transmitter)	660nm	660nm	660nm	660nm
norm trimming plate	-	-	100x100mm white	100x100mm white
hysteresis	≤ 10%	≤ 10%	≤ 10%	≤ 10%
readiness delay	20ms	20ms	60ms	60ms
sampling frequency	1kHz	1kHz	1kHz	1kHz
display (signal / reserve)	yellow LED / green LED	yellow LED / green LED	yellow LED / green LED	yellow LED / green LED
sensitivity adjustment	-	-	potentiometer	potentiometer
input (function test)	-	-	-	-
short-circuit protection	+	+	+	+
reverse polarity protection	+	+	+	+
design	M12x1mm	M12x1mm	M12x1mm	M12x1mm
length (thread/complete)	50mm/50mm	41mm/60mm	50mm/50mm	41mm/60mm
housing material	chrome-plated brass	chrome-plated brass	chrome-plated brass	chrome-plated brass
lens material	glass	glass	glass	glass
operating temperature	-25 ... +55°C	-25 ... +55°C	-25 ... +55°C	-25 ... +55°C
degree of protection (EN60529)	IP67	IP67	IP67	IP67
connection	2m PVC-cable, 3-wire	M12-connector, 3-pin	2m PVC-cable, 3-wire	M12-connector, 3-pin
connection accessories	-	e.g. VK200025	-	e.g. VK200025
mounting accessories (universal holder)	AY000115	AY000115	AY000115	AY000115