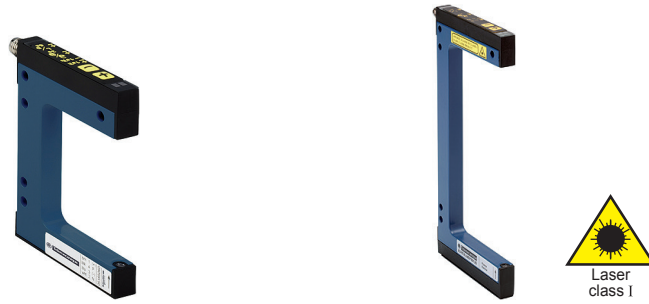


Forks with teach mode (1)



System, with teach mode	Thru-beam	Thru-beam laser
Sensing distance	2 to 120 mm	2 to 120 mm
Mounting: mm (in.)	(see column E below)	
Minimum size of object detected: mm (in.)	0.2 (0.008)	0.05 (0.002)
Case M (metal) / Setup assistance LEDs ☒	M / ☒	
Temp. range / Degree of protection (conforming to IEC 60529)	-13 to +140 °F (-25 to +60 °C) / IP65	
Product certification	CE, cULus	

Sensors for DC applications (solid-state output: transistor)

Connection	M8 connector – 4 Pin											
Type of output	3-wire PNP/NPN programmable NO/NC											
Dimensions: mm (in.)	A B C D E						A B C D E					
Transmitter / Receiver	XUYFANEP40002	2 (0.1)	42 (1.7)	32 (1.3)	57 (2.2)	14 (0.6)	XUYFALNEP40002	2 (0.1)	42 (1.7)	41 (1.6)	57 (2.2)	14 (0.6)
	XUYFANEP60002	2 (0.1)	59 (2.3)		77 (3.0)		XUYFALNEP60002	2 (0.1)	59 (2.3)		77 (3.0)	
	XUYFANEP100002	2 (0.1)	95 (3.7)		110 (4.3)		XUYFALNEP100002	2 (0.1)	95 (3.7)		110 (4.3)	
	XUYFANEP40005	5 (0.2)	42 (1.7)	35 (1.4)	57 (2.2)	14 (0.6)	XUYFALNEP40005	5 (0.2)	42 (1.7)	44 (1.7)	57 (2.2)	14 (0.6)
	XUYFANEP60005	5 (0.2)	59 (2.3)		77 (3.0)		XUYFALNEP60005	5 (0.2)	59 (2.3)		77 (3.0)	
	XUYFANEP100005	5 (0.2)	95 (3.7)		110 (4.3)		XUYFALNEP100005	5 (0.2)	95 (3.7)		110 (4.3)	
	XUYFANEP40015	15 (0.6)	42 (1.7)	45 (1.8)	57 (2.2)	27 (1.1)	XUYFALNEP40015	15 (0.6)	42 (1.7)	54 (2.1)	57 (2.2)	27 (1.1)
	XUYFANEP60015	15 (0.6)	59 (2.3)		77 (3.0)		XUYFALNEP60015	15 (0.6)	59 (2.3)		77 (3.0)	
	XUYFANEP100015	15 (0.6)	95 (3.7)		110 (4.3)		XUYFALNEP100015	15 (0.6)	95 (3.7)		110 (4.3)	
	XUYFANEP40030	30 (1.2)	42 (1.7)	60 (2.4)	57 (2.2)	42 (1.7)	XUYFALNEP40030	30 (1.2)	42 (1.7)	69 (2.7)	57 (2.2)	42 (1.7)
	XUYFANEP60030	30 (1.2)	59 (2.3)		77 (3.0)		XUYFALNEP60030	30 (1.2)	59 (2.3)		77 (3.0)	
	XUYFANEP100030	30 (1.2)	95 (3.7)		110 (4.3)		XUYFALNEP100030	30 (1.2)	95 (3.7)		110 (4.3)	
	XUYFANEP40050	50 (2.0)	42 (1.7)	80 (3.1)	57 (2.2)	40 (1.6)	XUYFALNEP40050	50 (2.0)	42 (1.7)	89 (3.5)	57 (2.2)	40 (1.6)
	XUYFANEP60050	50 (2.0)	59 (2.3)		77 (3.0)		XUYFALNEP60050	50 (2.0)	59 (2.3)		77 (3.0)	
	XUYFANEP100050	50 (2.0)	95 (3.7)		110 (4.3)		XUYFALNEP100050	50 (2.0)	95 (3.7)		110 (4.3)	
	XUYFANEP40080	80 (3.1)	42 (1.7)	110 (4.3)	57 (2.2)	70 (2.8)	XUYFALNEP40080	80 (3.1)	42 (1.7)	119 (4.7)	57 (2.2)	70 (2.8)
	XUYFANEP60080	80 (3.1)	59 (2.3)		77 (3.0)		XUYFALNEP60080	80 (3.1)	59 (2.3)		77 (3.0)	
	XUYFANEP100080	80 (3.1)	95 (3.7)		110 (4.3)		XUYFALNEP100080	80 (3.1)	95 (3.7)		110 (4.3)	
	XUYFANEP40120	120 (4.7)	42 (1.7)	150 (5.9)	57 (2.2)	110 (4.3)	XUYFALNEP40120	120 (4.7)	42 (1.7)	159 (6.3)	57 (2.2)	110 (4.3)
	XUYFANEP60120	120 (4.7)	59 (2.3)		77 (3.0)		XUYFALNEP60120	120 (4.7)	59 (2.3)		77 (3.0)	
	XUYFANEP100120	120 (4.7)	95 (3.7)		110 (4.3)		XUYFALNEP100120	120 (4.7)	95 (3.7)		110 (4.3)	
Supply voltage limits, min./max. (V) including ripple	10 to 30						10 to 30					
Switching capacity, max. (mA) / Switching frequency (Hz)	100/10 kHz						100/10 kHz					
Overload and short-circuit protection (★) / LED output state indicator (☒)	★ / ☒						★ / ☒					



System	Ultrasonic thru-beam	Thru-beam
	Special transparent labels	For all other opaque labels
Sensing distance	3 mm version	XUVE04M3•SNM8 (2)
Switching frequency (Hz)	1500	10 000
Sensitivity adjustment	numeric potentiometer (3)	numeric potentiometer (3)
Connection	M8 (4 pin)	
Temp. range / Degree of protection (conforming to IEC 60529)	+41 to +131 °F (+5 to +55 °C) / IP65	-4 to +140 °F (-20 to +60 °C) / IP65
Product certification	CE	CE, cULus

(1) To order a fork without teach mode, delete **A** from the catalog number. Example: XUYFANEP40002 becomes XUYFNEP40002.

(2) Replace ● with **P** for PNP, **N** for NPN, or **K** for PNP/NPN for output type.

(3) Remote adjustment available for P (PNP) or N (NPN) versions.