Photo-electric sensors - Application

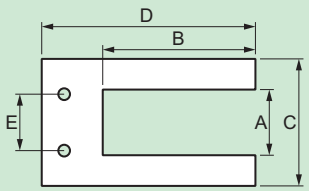
Optical forks without setting

New

System	Thru-beam with modular red LED light source
Sensing distance	**2…180** mm
Fixing (mm)	(see column E below)
Minimum size of objet detected	0,8 mm
Case M (metal)	M
Temperature range (°C) / Degree of protection (conforming to IEC 60529)	- 10…+ 60 / IP65 & IP67
Product certification	CE - cULus

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

Connection				**M8 connector** 3-pin						**Pre-cabled** L = 2 m.					
Dimensions (mm)					A	B	C	D	E		A	B	C	D	E
Transmitter / Receiver	3 wire	NO function	PNP	**XUVR0605PANM8**	50	60	74	77,5	40	**XUVR0303PANL2**	30	40	54	57,5	30
			NPN	**XUVR0605NANM8**											
		NC function	PNP	**XUVR0605PBNM8**											
			NPN	**XUVR0605NBNM8**											
		NO function	PNP	**XUVR0608PANM8**	80	60	104	77,5	70						
			NPN	**XUVR0608NANM8**											
		NC function	PNP	**XUVR0608PBNM8**											
			NPN	**XUVR0608NBNM8**											
		NO function	PNP	**XUVR1212PANM8**	120	120	144	142	100						
			NPN	**XUVR1212NANM8**											
		NC function	PNP	**XUVR1212PBNM8**											
			NPN	**XUVR1212NBNM8**											
		NO function	PNP	**XUVR1218PANM8**	180	120	204	142	152						
			NPN	**XUVR1218NANM8**											
		NC function	PNP	**XUVR1218PBNM8**											
			NPN	**XUVR1218NBNM8**											
Supply voltage limits, min./max. (V) including ripple				10…30											
Switching capacity, max. (mA) / Switching frequency (Hz)				100/4kHz											
Overload and short-circuit protection (★) / LED output state indicator (⊗)				★ / ⊗											

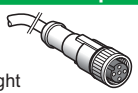


Accessories

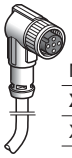
For optical forks without setting (3 Pin)

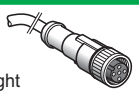
For forks with teach mode (4 Pin)

Suitable female pre-wired plug-in connectors

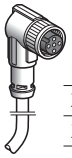


M8 straight	M8 elbowed
XZCP0566L2	**XZCP0666L2**
XZCP0566L5	XZCP0666L5





without LED	M8 straight	M8 elbowed
2 m	**XZCP0941L2**	**XZCP1041L2**
5 m	XZCP0941L5	XZCP1041L5



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Other versions: **please consult your Schneider Electric agency.**