

XUVR / XUVA

Table 20.5: XUVR / XUVA Optical fork without adjustment

		Connector	Precabled	Angular Fork
Sensing Characteristics		Thru-beam		
Sensing range, mm (in.)		2–180 (0.08 –7.09)		
Sensing frequency		4000 Hz		
Minimum size of object detected, mm (in.)	Passageway 2–120 mm	0.8 (0.03)	1.2 (0.05)	
	Passageway u 150 mm	1 (0.04)	1.5 (0.06)	
Fork type		XUVR*		XUVA*
Power Requirements				
Supply voltage		12–24 Vdc		
Max. load		100 mA with overload and short-circuit protection		
Environmental				
Operating temperature range		–10 to +60 °C (+14 to +140 °F)		
Environmental protection ratings		IP65 and IP67		
Construction				
Materials—Case		Painted aluminum and polyamide		
Catalog numbers of forks type XUVR*				
Precabled, 2 m, Depth (B): 40 mm (1.18 in.)				
Passageway (A)	Function	Output	Catalog Number	
30 mm (1.18 in.)	NO	PNP	XUVR0303PANL2	
M8, 3-Pin, Depth (B): 60 mm (2.36 in.)				
Passageway (A)	Function	Output	Catalog Number	
50 mm (1.97 in.)	NO	PNP	XUVR0605PANM8	
		NPN	XUVR0605NANM8	
	NC	PNP	XUVR0605PBNM8	
		NPN	XUVR0605NBNM8	
80 mm (3.15 in.)	NO	PNP	XUVR0608PANM8	
		NPN	XUVR0608NANM8	
	NC	PNP	XUVR0608PBNM8	
		NPN	XUVR0608NBNM8	
Connection—M8, 3-Pin, Depth (B): 120 mm (4.72 in.)				
Passageway (A)	Function	Output	Catalog Number	
120 mm (4.72 in.)	NO	PNP	XUVR1212PANM8	
		NPN	XUVR1212NANM8	
	NC	PNP	XUVR1212PBNM8	
		NPN	XUVR1212NBNM8	
180 mm (7.09 in.)	NO	PNP	XUVR1218PANM8	
		NPN	XUVR1218NANM8	
	NC	PNP	XUVR1218PBNM8	
		NPN	XUVR1218NBNM8	
Catalog numbers of forks, type XUVA*				
M8 connector, 3-Pin				
Passageway (A)	Function	Output	Catalog Number	
50 mm (1.97 in.)	NO	PNP	XUVA0505PANM8	
80 mm (3.15 in.)	NO	PNP	XUVA0808PANM8	
120 mm (4.72 in.)	NO	PNP	XUVA1212PANM8	
150 mm (5.91 in.)	NO	PNP	XUVA1515PANM8	

