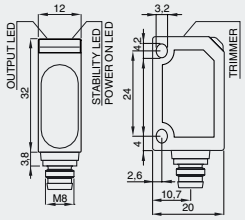
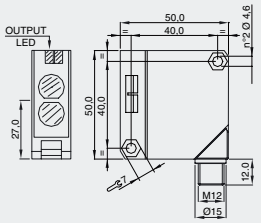
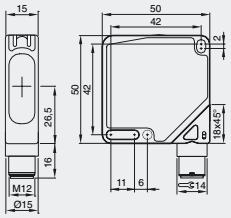
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	XMT	XFQ	XFQ Laser
			
			

AVAILABLE	Diffuse Reflective	Focalized	Polarized Retroreflective	Retroreflective for Transparent	Through Beam	Background Suppression	Diffuse Reflective	Polarized Retroreflective	Through Beam
NOMINAL SWITCHING DISTANCE (Sn)	0,2..35 cm	11 cm	2,5 m (with CT04S)	0,1..0,7 m (with CT04S)	0,1..6 m	80 cm	60 cm	20 m (with CT04S)	60 m
HOUSING MATERIAL	ABS					ABS	ABS		
OPERATING VOLTAGE	10-30 VDC					10-30 VDC	10-30 VDC		
RESIDUAL RIPPLE	< 2Vpp					< 2Vpp	< 2Vpp		
ABSORPTION	< 35mA					< 30mA	< 35mA		
EMISSION	Infrared LED 880 nm	Red LED 660 nm		Infrared LED 880 nm		Infrared LED 880 nm	Red Laser 650nm Class1 EN60825-1		
MAX OUTPUT CURRENT	100 mA					100 mA	< 10mA		
LEAKAGE CURRENT	-					-	-		
MAX. CURRENT PEAK	-					-	-		
MIN. OUTPUT CURRENT	-					-	-		
VOLTAGE DROP	< 2 V					< 1,5 V	< 2 V		
SWITCHING FREQUENCY	500 Hz					500 Hz	2 kHz		1,5 kHz
RESPONSE TIME	1 mS					1 mS	250 µS		333 µS
HYSTERESIS	-					-	-		
REPEATABILITY	-					-	-		
SENSITIVITY ADJUSTMENT	Present					Present	Present		
LED	Present					Present	Present		
PROTECTION DEGREE	IP66					IP65	IP67		
TEMPERATURE LIMITS	-25/+55°C					-25/+55°C	-10/+50°C		
TEMPERATURE DRIFT	-					-	-		
MIN. TARGET	-					-	-		
RESOLUTION	-					-	App. 10 mm		
REVERSE POLARITY PROTECTION	Present					Present	Present		
SHORT CIRCUIT PROTECTION	Present					Present	Present		
OVERLOAD TRIP POINT	-					-	-		
START UP DELAY	< 300 mS					< 300 mS	< 300 mS		
CONNECTION	M8 Connector (4 poles)					M12 Connector	M12 Connector		
NPN NO+NC	XMT01AK2	XMT01AFK2	XMT02APK2	XMT02APTK2	XMT03AK2	-	XFQL01AD2K	XFQL02APK	XFQL03AK
NPN NO+ NC SHORT HOUSING	-	-	-	-	-	-	-	-	-
PNP NO + NC	XMT01BK2	XMT01BFK2	XMT02BPK2	XMT02BPTK2	XMT03BK2	XFQ01BSD2K	XFQL01BD2K	XFQL02BPK	XFQL03BK
PNP NO + NC SHORT HOUSING	-	-	-	-	-	-	-	-	-
EMITTER	-	-	-	-	XMT05K2	-	-	-	XFQL04K
2 WIRES AC/DC NO	-	-	-	-	-	-	-	-	-
2 WIRES AC/DC NC	-	-	-	-	-	-	-	-	-

To locate additional product specifications and technical drawings go to: www.asi-ez.com

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