




TECHNICAL DATA

HSC2 / HSC4 STANDARD SERIES

	HSC2-30	HSC4-14	HSC4-30
			
Safety Category	Type 2		Type 4
Range	0.2...19m (0.656...62.3 ft.)	0.2...6m (0.656...19.69 ft.)	0.2...19m (0.656...62.3 ft.)
Controlled Height:	150...1800 mm		
Resolution	30mm (1.18 in.)	14mm (0.551 in.)	30mm (1.18 in.)
Power Supply	24 VDC ±20%		
Consumption	2 W (emitter) 3.5W (receiver without load)	2.5W (emitter) 3.5 W (receiver without load)	
OSSD Outputs	2 PNP		
Output Current	0.5 A max. per output		
Output Voltage	ON Status: Vdd -1 V min. OFF Status: 0.2 V max.		
Capacitive Load	2.2 uF @ 24 Vdc max.		
Mechanical Protection	IP65 (EN 60529)		
Electrical Protection	Class I / Class III		
Short-circuit Protection:	1.4 A max.		
Housing Material	Painted aluminum (yellow RAL 1003) with PMMA Lens and PC MAKROLON End Caps		
Emitter Connection	M12, 4-pole connector		
Receiver Connection	M12, 5-pole connector	M12, 8-pole connector	
Light Emission	Infrared LED (950 nm)		
Aperture Angle (EAA)	± 5°	±2.5°	
Ambient Light Rejection	IEC-61496-2		
Cable Length	3m (9.8 ft.) or 10m (32.8 ft.) cable lengths (up to 50m max.) with 50nF capacitive load		
Weight	1 kg. max./m of total height	1.3 Kg. max./m of total height	
Operating Temperature	+14...+131°F (0...+55°C)		
Storage Temperature	-13...+158°F (-25...+70°C)		
Vibrations	0.35 mm amplitude 10 ... 55 Hz frequency, 20 sweep per axis 1 octave/min (EN 60068-2-6)		
Shock Resistance	16 ms (10 g) 1.000 shock per axis (EN 60068-2-29)		