Туре	Thru-beam M18x-T015Mx-	Retroreflective		TANKET .			
Item Model No.			with polarizingfilters	Diffuse Reflective			
		M18x-L3000x- xxxxxx	M18x-L1000x- xxxxxx-PF	M18x-D0150x-	M18x-D0500x		
Sensing Range	15m	3m	1m	150mm	500mm		
Sensing Object	Opaque object of \$ 8mm or more	3-way mirror	3-way mirror	White	paper		
Hysteresis	,		20% or less of operation distance				
Supply Voltage	10 to 30V DC, Ripple P-P 10% or less						
Current Consumption	30mA or less						
Output	<npn> output type> NPN open-collector transistor Applied voltage: 30V DC or less Maximum sink current: 200mA Voltage drop: 2.5V or less <pnp> output type> PNP open-collector transistor Applied voltage: 30V DC or less Maximum source current: 200mA Voltage drop: 2.5V or less </pnp></npn>						
Output Operation	Selectable either Light-ON Dark-ON by the control input wire						
Short-circuit Protection	Yes						
Reverse Polarity Protection	Yes						
Overload Current Protection	Yes						
Response Time	1.5ms						
Operation Indicator	Red LED (light up when the output is activated), Thru-beam sensor is provided it on the received						
Pollution Degree	3(Industrial environment)						
Protection	IP67(IEC)						
Ambient Temperature	-25°C to +55°C						
Ambient Humidity	35 to 85% RH,Storage:35 to 85% RH						
EMC	IEC 60947-5-2, Parts 7.2.6.1. 2. 3 or RFI>3V/m(in 30-1000MHZ), EFT>1KV, ESD>4KV(contact)						
Voltage Withstand Ability	IEC 60947-5-2, Part 8.3.3.4 or 1500VAC for one min, between all supply terminals connected together and enclosure						
Insulation Resistance	>20M Ω , with 1500V AC megger between all supply terminals connected together and enclosure						
Vibration Resistance	IEC 60947-5-2, Part 7.4.2 or 10-55HZ, 1.0mm amplitude in x , y and z directions for 30 min						
Shock Resistance	IEC 60947-5-2, Part 7.4.1 or 30g, 11ms in x , y and z directions for six time each						
Emitting Element	Infrared LED (modulated) Red LED (modulated) Infrared LED (modulated)						
Housing Material	Plastic housing: PBT Metal housing: Nickel-plated brass						
Cable	2m or 9m 5.8φ (Plastic Housing:4φ) 4X0.5 (Emitter :3X0.5) PVC.						
Pigtail Type	See page Q-01	for cable and cor	nnect at pigtail				

Sensing Mode	Connection	Supply Voltage	Output Mode	Part Number
Infrared LED			NPN Light/Dark changeover	M18B-L3000N-CX9C4U2
	The same of the sa	10-30V DC	PNP Light/Dark changeover	M18B-L3000P-CX9C4U2
	Cable		-	_
		10-30V DC	NPN Light/Dark changeover	M18B-L3000N-CX9Q4UE
			PNP Light/Dark changeover	M18B-L3000P-CX9Q4UE
	Quick Disconnect			
3.0m		10-30V DC	NPN Light/Dark changeover	M18B-L3000N-CX9P4UE
3 11			PNP Light/Dark changeover	M18B-L3000P-CX9P4UE
	Euro 4 Pins 6" Pig tail			
		10-30V DC	NPN Light/Dark changeover	M18B-L3000N-CY9C4U2-Y
	The state of the s		PNP Light/Dark changeover	M18B-L3000P-CY9C4U2-Y
	Cable Right-Angle			
Sensing Distance: 3.0m	The latest the same of the sam		NPN Light/Dark changeover	M18B-L3000N-CY9Q4UE-Y
		10-30V DC	PNP Light/Dark changeover	M18B-L3000P-CY9Q4UE-Y
	Quick Disconnect Right-Angle	~	_	_
		10-30V DC	NPN Light/Dark changeover	M18B-L3000N-CY9P4UE-Y
			PNP Light/Dark changeover	M18B-L3000P-CY9P4UE-Y
ye.	Euro 4 Pins 6" Pig tail Right-Angle			