

Sharp-Socle Distance Sensor Selection

Manufacturer	Category	Part Number	Output Type	Package Type	Distance (cm)																							
					0.5	1	1.5	2	4	5	10	15	20	24	30	40	50	70	80	100	120	150	200	300	550			
SHARP	DMS	GP2Y0A02YK0F	Analog	Standard										20									150					
SHARP	DMS	GP2Y0A21YK0F	Analog	Standard								10								80								
SHARP	DMS	GP2Y0A41SK0F	Analog	Standard					4							30												
SHARP	DMS	GP2Y0A51SK0F	Analog	Standard				2					15															
SHARP	DMS	GP2Y0AF15X	Analog	Compact, connector			1.5						15															
SHARP	DMS	GP2Y0D02YK0F	Digital 1-bit	Standard															80									
SHARP	DMS	GP2Y0D21YK0F	Digital 1-bit	Standard											24													
SHARP	DMS	GP2Y0D805Z0F	Digital 1-bit	Compact lead type						5																		
SHARP	DMS	GP2Y0D810Z0F	Digital 1-bit	Compact lead type							10																	
SHARP	DMS	GP2Y0D815Z0F	Digital 1-bit	Compact lead type									15															
SHARP	DMS	GP2Y0E02A	Analog	Compact, CMOS					4								50											
SHARP	DMS	GP2Y0E02B	Digital I2C	Compact, CMOS					4								50											
SHARP	DMS	GP2Y0E03	Analog, Digital I2C	Compact, CMOS					4								50											
SHARP	DMS	GP2Y0A60SZLF	Analog	Compact								10											150					
SHARP	DMS	GP2Y0A710K0F	Analog	Standard																100					550			
SHARP	TOF	GP2AP01VT10F	I2C	Very Compact								10	Gray card - 17%				40											
											10	White card - 88%										120						
SOCLE	TOF	MTOF171000C0	UART	Compact				2	Gray card										70									
								2	White card													120						
SHARP	TOF	GP2AP02VT00F	I2C	Very Compact						5	Gray card - 17%										120							
SHARP	TOF	GP2AP03VT00F	I2C	Very Compact	0.5							10																
SOCLE	Ultrasonic	SUD01A	I2C	Module, Connector								10													300			
SOCLE	Ultrasonic	SUD02	I2C	Module, Connector								10													300			