

General Ordering Information for the VisiSight™

42JS VisiSight							
Sensing Mode	Light Source	Sensing Range	Sensitivity Adjustment	Output Function	Output Type	Cat. No. (1)	
	Polarized Retroreflective	Visible Red	No Adjustment	Complementary Light and Dark Operate	NPN	42JS-P2MNB1-F4	
					PNP	42JS-P2MPB1-F4	
			Adjustment Knob		NPN	42JS-P2MNA2-F4	
					PNP	42JS-P2MPA2-F4	
	Diffuse	Visible Red	Adjustment Knob	Complementary Light and Dark Operate	NPN	42JS-D2MNA2-F4	
					PNP	42JS-D2MPA2-F4	
					NPN	42JS-D2MNA1-F4	
					PNP	42JS-D2MPA1-F4	
	Background Suppression	Visible Red	No Adjustment	Complementary Light and Dark Operate	NPN	42JS-B2MNB1-F4	
					PNP	42JS-B2MPB1-F4	
					NPN	42JS-B2MNB2-F4	
					PNP	42JS-B2MPB2-F4	
	Transmitted Beam	Visible Red	0 ...10 m (0 ... 32.8 ft)	No Adjustment	NA Transmitted Beam Emitter	-	42JS-E2EZB1-F4
				Adjustment Knob	Complementary Light and Dark Operate	NPN	42JS-R9MNA1-F4
		PNP				42JS-R9MPA1-F4	
		Infrared		No Adjustment	NA Transmitted Beam Emitter	-	42JS-E1EZB1-F4
Adjustment Knob				Complementary Light and Dark Operate	NPN	42JS-R9MNA2-F4	
					PNP	42JS-R9MPA2-F4	

Note: All sensor models are rated for 10...30V DC and can drive loads requiring up to 100 mA. * Sensing range with 92.124 Reflector

(1) Connection Options: The suffix -F4 describes a 4-pin DC Micro (M12) quick disconnect connector on a 150 mm (6 in.) pigtail for DC models. For additional connection options, replace the suffix -F4 with:
-A2: For a 2 m cable without quick-disconnect connection (for example, 42JS-P2MPB1-A2) -Y4: For a 4-pin DC Pico (M8) quick-disconnect connection on a 150 mm (6 in.) pigtail (for example, 42JS-P2MP1-Y4).

42JT VisiSight						
Sensing Mode	Light Source	Sensing Range	Sensitivity Adjustment	Output Function	Output Type	Cat. No. (1)
	Polarized Retroreflective	Visible Red	Teach Button	Teachable Light Operate or Dark Operate	Auto PNP/NPN	42JT-P2LAT1-P4
		Class 1 Laser				42JT-P8LAT1-P4
	Clear Object Detection	Visible Red	Teach Button	Teachable Light Operate or Dark Operate	Auto PNP/NPN	42JT-C2LAT1-P4
	Diffuse	Visible Red	Teach Button	Teachable Light Operate or Dark Operate	Auto PNP/NPN	42JT-D2LAT1-P4
		Class 1 Laser				42JT-D8LAT1-P4
	Background Suppression	Visible Red	Teach Button	Teachable Light Operate or Dark Operate	Auto PNP/NPN	42JT-B2LAT1-P4
		Class 1 Laser				42JT-B2LAT2-P4
		Class 1 Laser				42JT-B8LAT1-P4
	Color Mark	White LED	Teach Button	Teachable Light Operate or Dark Operate	PNP or NPN (Push Pull)	42JT-F5LET1-P4
	Transmitted Beam	Visible Red	No Adjustment	NA Transmitted Beam Emitter	-	42JT-E2EZB1-P4
			Teach Button	Complementary Light and Dark Operate	Auto PNP/NPN	42JT-R9LAT1-P4
		Class 1 Laser	No Adjustment	NA Transmitted Beam Emitter	-	42JT-E8EZB1-P4
			Teach Button	Complementary Light and Dark Operate	Auto PNP/NPN	42JT-R8LAT1-P4

Note: All sensor models are rated for 10...30V DC and can drive loads requiring up to 100 mA. ** Sensing range with 92-125 Reflector *** Sensing range with 92-118 Reflector

(1) Connection Options: The suffix -P4 describes a 4-pin Pico (M8) integral quick disconnect connector. For additional connection options, replace the suffix -P4 with:
-A2: For a 2 m cable without quick-disconnect connection (for example, 42JT-P2LAT1-A2) -F4: For a 4-pin Micro (M12) quick-disconnect connection on a 150 mm (6 in.) pigtail (for example, 42JT-P2LAT1-F4).
The suffix -P4 and -A2 models are ECOLAB certified

VisiSight Accessories			
Description	Cat. No.	Description	Cat. No.
DC Micro (M12) QD Cordset, Straight, 4-pin, 2 m	889D-F4AC-2	Reflector, Corner Cube, 76 mm (3 in.) diameter	92-124
DC Pico (M8) QD Cordset, Right-angle, 4-pin, 2 m	889P-R4AB-2	Reflector, Corner Cube, 84 mm (3.3 in.) diameter	92-125
Mounting Bracket, Stainless Steel, L-Shaped for 42JT and 42JS	60-BJS-L1	Reflector, Corner Cube, 32 mm (1.5 in.) diameter	92-47
Mounting Bracket, Stainless Steel, L-Shaped for 42JS VisiSight	60-BJS-L2	Reflector, Corner Cube, 100 x 100 mm (4 x 4 in.)	92-108
Mounting Bracket, Stainless Steel, L-Shaped for 42JT VisiSight	60-BJT-L2	Reflector, Micro Cube, 51 x 61 mm (2 x 2.5 in.)	92-118

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