



Product Improvements

	VSM	VSM-2
Front Window	Glass or Sapphire	PMMA Plastic
Emitter	Infrared LED	Visible Red LED
Cable Material	PVC	PUR
Connection	Integral QD & Cable	Integral QD, Pigtail QD, & Cable
Switching Frequency	<= 250 Hz	1 kHz
LED Indicator	Single Color(amber)	Dual Color(green/amber)
Temperature Range	0 to 55° C	-25 to 65° C
Range	Opposed - 250 mm Diffuse - 50 mm	Opposed - 500 mm Diffuse - 100 mm
Remote Teach	Not Available	100 mm Diffuse Models
IO-Link	Not Available	PNP Models

VSM Part Number	VSM Model Number	VSM-2 Part Number	VSM-2 Model Number	VSM-2 Long Description
13281	VSM4RN6R	806789	VSM-254RNR500-2M	VSM-2 Series: 4 mm Smooth Barrel Receiver Range: 500 mm; Input 10-30 V dc Output: 1 NPN; DO (Dark Operate) 2 m (6.5 ft) Cable
13296	VSM4RP6R	806788	VSM-254RPR500-2M	VSM-2 Series: 4 mm Smooth Barrel Receiver Range: 500 mm; Input 10-30 V dc Output: 1 PNP with IO-Link Communication; LO (Light Operate) 2 m (6.5 ft) Cable
13286	VSM46E	806787	VSM-254NAEL-2M	VSM-2 Series: 4 mm Smooth Barrel Emitter Range: 500 mm; Input 10-30 V dc Output: No output 2 m (6.5 ft) Cable
13276	VSM4AN6CV50	806786	VSM-254AND050-2M	VSM-2 Series: 4 mm Smooth Barrel Diffuse Range: 50 mm; Input 10-30 V dc Output: 1 NPN; LO (Light Operate) 2 m (6.5 ft) Cable
13334	VSM4AN6CV10	806785	VSM-254AND10-2M	VSM-2 Series: 4 mm Smooth Barrel Diffuse Range: 10 mm; Input 10-30 V dc Output: 1 NPN; LO (Light Operate) 2 m (6.5 ft) Cable
13343	VSM4AN6CV20	806784	VSM-254AND20-2M	VSM-2 Series: 4 mm Smooth Barrel Diffuse Range: 20 mm; Input 10-30 V dc Output: 1 NPN; LO (Light Operate) 2 m (6.5 ft) Cable
13279	VSM4AP6CV50	806783	VSM-254APD50-2M	VSM-2 Series: 4 mm Smooth Barrel Diffuse Range: 50 mm; Input 10-30 V dc Output: 1 PNP with IO-Link Communication; LO (Light Operate) 2 m (6.5 ft) Cable
13340	VSM4AP6CV10	806782	VSM-254APD10-2M	VSM-2 Series: 4 mm Smooth Barrel Diffuse Range: 10 mm; Input 10-30 V dc Output: 1 PNP with IO-Link Communication; LO (Light Operate) 2 m (6.5 ft) Cable
13357	VSM4AP6CV20	806781	VSM-254APD20-2M	VSM-2 Series: 4 mm Smooth Barrel Diffuse Range: 20 mm; Input 10-30 V dc Output: 1 PNP with IO-Link Communication; LO (Light Operate) 2 m (6.5 ft) Cable
13290	VSM4RN6RQ7	806798	VSM-254RNR500-Q7	VSM-2 Series: 4 mm Smooth Barrel Receiver Range: 500 mm; Input 10-30 V dc Output: 1 NPN; DO (Dark Operate) Integral Pico M8 3-pin
13297	VSM4RP6RQ7	806799	VSM-254RPR500-Q7	VSM-2 Series: 4 mm Smooth Barrel Receiver Range: 500 mm; Input 10-30 V dc Output: 1 PNP with IO-Link Communication; LO (Light Operate) Integral Pico M8 3-pin
13291	VSM46EQ7	806807	VSM-254NAEL-Q7	VSM-2 Series: 4 mm Smooth Barrel Emitter Range: 500 mm; Input 10-30 V dc Output: No output Integral Pico M8 3-pin
13277	VSM4AN6CV50Q7	806808	VSM-254AND050-Q7	VSM-2 Series: 4 mm Smooth Barrel Diffuse Range: 50 mm; Input 10-30 V dc Output: 1 NPN; LO (Light Operate) Integral Pico M8 3-pin
13335	VSM4AN6CV10Q7	806809	VSM-254AND10-Q7	VSM-2 Series: 4 mm Smooth Barrel Diffuse Range: 10 mm; Input 10-30 V dc Output: 1 NPN; LO (Light Operate) Integral Pico M8 3-pin
13356	VSM4AN6CV20Q7	806810	VSM-254AND20-Q7	VSM-2 Series: 4 mm Smooth Barrel Diffuse Range: 20 mm; Input 10-30 V dc Output: 1 NPN; LO (Light Operate) Integral Pico M8 3-pin
13280	VSM4AP6CV50Q7	806811	VSM-254APD50-Q7	VSM-2 Series: 4 mm Smooth Barrel Diffuse Range: 50 mm; Input 10-30 V dc Output: 1 PNP with IO-Link Communication; LO (Light Operate) Integral Pico M8 3-pin
13341	VSM4AP6CV10Q7	806812	VSM-254APD10-Q7	VSM-2 Series: 4 mm Smooth Barrel Diffuse Range: 10 mm; Input 10-30 V dc Output: 1 PNP with IO-Link Communication; LO (Light Operate) Integral Pico M8 3-pin
13367	VSM4AP6CV20Q7	806813	VSM-254APD20-Q7	VSM-2 Series: 4 mm Smooth Barrel Diffuse Range: 20 mm; Input 10-30 V dc Output: 1 PNP with IO-Link Communication; LO (Light Operate) Integral Pico M8 3-pin
13308	VSM5RN6R	806814	VSM-2M5RNR500-2M	VSM-2 Series: 5 mm Threaded Barrel Receiver Range: 500 mm; Input 10-30 V dc Output: 1 NPN; DO (Dark Operate) 2 m (6.5 ft) Cable
13330	VSM5RP6R	806815	VSM-2M5RPR500-2M	VSM-2 Series: 5 mm Threaded Barrel Receiver Range: 500 mm; Input 10-30 V dc Output: 1 PNP with IO-Link Communication; LO (Light Operate) 2 m (6.5 ft) Cable
13317	VSM56E	806816	VSM-2M5NAEL-2M	VSM-2 Series: 5 mm Threaded Barrel Emitter Range: 500 mm; Input 10-30 V dc Output: No output 2 m (6.5 ft) Cable
13300	VSM5AN6CV50	806817	VSM-2M5AND050-2M	VSM-2 Series: 5 mm Threaded Barrel Diffuse Range: 50 mm; Input 10-30 V dc Output: 1 NPN; LO (Light Operate) 2 m (6.5 ft) Cable
13369	VSM5AN6CV10	806818	VSM-2M5AND10-2M	VSM-2 Series: 5 mm Threaded Barrel Diffuse Range: 10 mm; Input 10-30 V dc Output: 1 NPN; LO (Light Operate) 2 m (6.5 ft) Cable
13376	VSM5AN6CV20	806819	VSM-2M5AND20-2M	VSM-2 Series: 5 mm Threaded Barrel Diffuse Range: 20 mm; Input 10-30 V dc Output: 1 NPN; LO (Light Operate) 2 m (6.5 ft) Cable
13305	VSM5AP6CV50	806820	VSM-2M5APD50-2M	VSM-2 Series: 5 mm Threaded Barrel Diffuse Range: 50 mm; Input 10-30 V dc Output: 1 PNP with IO-Link Communication; LO (Light Operate) 2 m (6.5 ft) Cable
13374	VSM5AP6CV10	806821	VSM-2M5APD10-2M	VSM-2 Series: 5 mm Threaded Barrel Diffuse Range: 10 mm; Input 10-30 V dc Output: 1 PNP with IO-Link Communication; LO (Light Operate) 2 m (6.5 ft) Cable
13378	VSM5AP6CV20	806822	VSM-2M5APD20-2M	VSM-2 Series: 5 mm Threaded Barrel Diffuse Range: 20 mm; Input 10-30 V dc Output: 1 PNP with IO-Link Communication; LO (Light Operate) 2 m (6.5 ft) Cable
13319	VSM5RN6RQ7	806835	VSM-2M5RNR500-Q7	VSM-2 Series: 5 mm Threaded Barrel Receiver Range: 500 mm; Input 10-30 V dc Output: 1 NPN; DO (Dark Operate) Integral Pico M8 3-pin
13333	VSM5RP6RQ7	806836	VSM-2M5RPR500-Q7	VSM-2 Series: 5 mm Threaded Barrel Receiver Range: 500 mm; Input 10-30 V dc Output: 1 PNP with IO-Link Communication; LO (Light Operate) Integral Pico M8 3-pin
13324	VSM56EQ7	806837	VSM-2M5NAEL-Q7	VSM-2 Series: 5 mm Threaded Barrel Emitter Range: 500 mm; Input 10-30 V dc Output: No output Integral Pico M8 3-pin
13303	VSM5AN6CV50Q7	806838	VSM-2M5AND050-Q7	VSM-2 Series: 5 mm Threaded Barrel Diffuse Range: 50 mm; Input 10-30 V dc Output: 1 NPN; LO (Light Operate) Integral Pico M8 3-pin
13373	VSM5AN6CV10Q7	806839	VSM-2M5AND10-Q7	VSM-2 Series: 5 mm Threaded Barrel Diffuse Range: 10 mm; Input 10-30 V dc Output: 1 NPN; LO (Light Operate) Integral Pico M8 3-pin
13377	VSM5AN6CV20Q7	806840	VSM-2M5AND20-Q7	VSM-2 Series: 5 mm Threaded Barrel Diffuse Range: 20 mm; Input 10-30 V dc Output: 1 NPN; LO (Light Operate) Integral Pico M8 3-pin
13306	VSM5AP6CV50Q7	806841	VSM-2M5APD50-Q7	VSM-2 Series: 5 mm Threaded Barrel Diffuse Range: 50 mm; Input 10-30 V dc Output: 1 PNP with IO-Link Communication; LO (Light Operate) Integral Pico M8 3-pin
13375	VSM5AP6CV10Q7	806842	VSM-2M5APD10-Q7	VSM-2 Series: 5 mm Threaded Barrel Diffuse Range: 10 mm; Input 10-30 V dc Output: 1 PNP with IO-Link Communication; LO (Light Operate) Integral Pico M8 3-pin
13379	VSM5AP6CV20Q7	806843	VSM-2M5APD20-Q7	VSM-2 Series: 5 mm Threaded Barrel Diffuse Range: 20 mm; Input 10-30 V dc Output: 1 PNP with IO-Link Communication; LO (Light Operate) Integral Pico M8 3-pin

New Models	VSM-2 Part Number	VSM-2 Model Number	VSM-2 Long Description
	806914	VSM-254AND100-2M	VSM-2 Series: 4 mm Smooth Barrel Diffuse Range: 100 mm; Input 10-30 V dc Output: 1 NPN; LO (Light Operate) 2 m (6.5 ft) Cable
	806912	VSM-254APD100-2M	VSM-2 Series: 4 mm Smooth Barrel Diffuse Range: 100 mm; Input 10-30 V dc Output: 1 PNP with IO-Link Communication; LO (Light Operate) 2 m (6.5 ft) Cable
	806780	VSM-254RNR500-Q3	VSM-2 Series: 4 mm Smooth Barrel Receiver Range: 500 mm; Input 10-30 V dc Output: 1 NPN; DO (Dark Operate) Pico M8 3-pin Pigtail
	806790	VSM-254RPR500-Q3	VSM-2 Series: 4 mm Smooth Barrel Receiver Range: 500 mm; Input 10-30 V dc Output: 1 PNP with IO-Link Communication; LO (Light Operate) Pico M8 3-pin Pigtail
	806791	VSM-254NAEL-Q3	VSM-2 Series: 4 mm Smooth Barrel Emitter Range: 500 mm; Input 10-30 V dc Output: No output Pico M8 3-pin Pigtail
	806792	VSM-254AND050-Q3	VSM-2 Series: 4 mm Smooth Barrel Diffuse Range: 50 mm; Input 10-30 V dc Output: 1 NPN; LO (Light Operate) Pico M8 3-pin Pigtail
	806793	VSM-254AND10-Q3	VSM-2 Series: 4 mm Smooth Barrel Diffuse Range: 10 mm; Input 10-30 V dc Output: 1 NPN; LO (Light Operate) Pico M8 3-pin Pigtail
	806794	VSM-254AND20-Q3	VSM-2 Series: 4 mm Smooth Barrel Diffuse Range: 20 mm; Input 10-30 V dc Output: 1 NPN; LO (Light Operate) Pico M8 3-pin Pigtail
	806795	VSM-254APD50-Q3	VSM-2 Series: 4 mm Smooth Barrel Diffuse Range: 50 mm; Input 10-30 V dc Output: 1 PNP with IO-Link Communication; LO (Light Operate) Pico M8 3-pin Pigtail
	806796	VSM-254APD10-Q3	VSM-2 Series: 4 mm Smooth Barrel Diffuse Range: 10 mm; Input 10-30 V dc Output: 1 PNP with IO-Link Communication; LO (Light Operate) Pico M8 3-pin Pigtail
	806797	VSM-254APD20-Q3	VSM-2 Series: 4 mm Smooth Barrel Diffuse Range: 20 mm; Input 10-30 V dc Output: 1 PNP with IO-Link Communication; LO (Light Operate) Pico M8 3-pin Pigtail
	806913	VSM-254AND100-Q3	VSM-2 Series: 4 mm Smooth Barrel Diffuse Range: 100 mm; Input 10-30 V dc Output: 1 NPN; LO (Light Operate) Integral Pico M8 4-pin
	806911	VSM-254APD100-Q3	VSM-2 Series: 4 mm Smooth Barrel Diffuse Range: 100 mm; Input 10-30 V dc Output: 1 PNP with IO-Link Communication; LO (Light Operate) Integral Pico M8 4-pin
	806918	VSM-2M5AND100-2M	VSM-2 Series: 5 mm Threaded Barrel Diffuse Range: 100 mm; Input 10-30 V dc Output: 1 NPN; LO (Light Operate) 2 m (6.5 ft) Cable
	806916	VSM-2M5APD100-2M	VSM-2 Series: 5 mm Threaded Barrel Diffuse Range: 100 mm; Input 10-30 V dc Output: 1 PNP with IO-Link Communication; LO (Light Operate) 2 m (6.5 ft) Cable
	806823	VSM-2M5RNR500-Q3	VSM-2 Series: 5 mm Threaded Barrel Receiver Range: 500 mm; Input 10-30 V dc Output: 1 NPN; DO (Dark Operate) Pico M8 3-pin Pigtail
	806824	VSM-2M5RPR500-Q3	VSM-2 Series: 5 mm Threaded Barrel Receiver Range: 500 mm; Input 10-30 V dc Output: 1 PNP with IO-Link Communication; LO (Light Operate) Pico M8 3-pin Pigtail
	806825	VSM-2M5NAEL-Q3	VSM-2 Series: 5 mm Threaded Barrel Emitter Range: 500 mm; Input 10-30 V dc Output: No output Pico M8 3-pin Pigtail
	806826	VSM-2M5AND050-Q3	VSM-2 Series: 5 mm Threaded Barrel Diffuse Range: 50 mm; Input 10-30 V dc Output: 1 NPN; LO (Light Operate) Pico M8 3-pin Pigtail
	806830	VSM-2M5AND10-Q3	VSM-2 Series: 5 mm Threaded Barrel Diffuse Range: 10 mm; Input 10-30 V dc Output: 1 NPN; LO (Light Operate) Pico M8 3-pin Pigtail
	806831	VSM-2M5AND20-Q3	VSM-2 Series: 5 mm Threaded Barrel Diffuse Range: 20 mm; Input 10-30 V dc Output: 1 NPN; LO (Light Operate) Pico M8 3-pin Pigtail
	806832	VSM-2M5APD50-Q3	VSM-2 Series: 5 mm Threaded Barrel Diffuse Range: 50 mm; Input 10-30 V dc Output: 1 PNP with IO-Link Communication; LO (Light Operate) Pico M8 3-pin Pigtail
	806833	VSM-2M5APD10-Q3	VSM-2 Series: 5 mm Threaded Barrel Diffuse Range: 10 mm; Input 10-30 V dc Output: 1 PNP with IO-Link Communication; LO (Light Operate) Pico M8 3-pin Pigtail
	806834	VSM-2M5APD20-Q3	VSM-2 Series: 5 mm Threaded Barrel Diffuse Range: 20 mm; Input 10-30 V dc Output: 1 PNP with IO-Link Communication; LO (Light Operate) Pico M8 3-pin Pigtail
	806917	VSM-2M5AND100-Q3	VSM-2 Series: 5 mm Threaded Barrel Diffuse Range: 100 mm; Input 10-30 V dc Output: 1 NPN; LO (Light Operate) Integral Pico M8 4-pin
	806915	VSM-2M5APD100-Q3	VSM-2 Series: 5 mm Threaded Barrel Diffuse Range: 100 mm; Input 10-30 V dc Output: 1 PNP with IO-Link Communication; LO (Light Operate) Integral Pico M8 4-pin