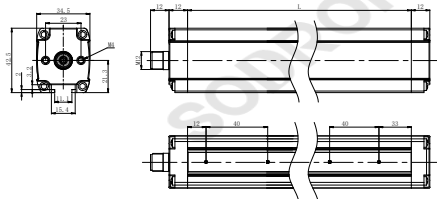




Model

PS-40R/T-10ANC-xE
PS-40R/T-10APC-xE

PS-40Dimension



Number of Optical Axis	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32
Viewing Area	168	245	322	400	485	565	645	725	805	885	945	1045	1125	1205	1285

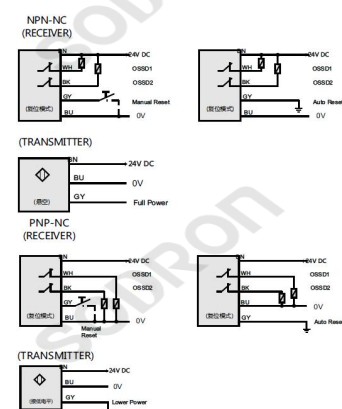
Number of Optical Axis	34	36	38	40	42	44	46	48	50	52	54	56	58	60	62	64
Viewing Area	1365	1445	1525	1605	1685	1765	1845	1925	2005	2085	2165	2245	2325	2405	2485	2565

Technical Parameters

Product Features

- Through-beam type, Infrared light 850nm
- Chip control, fast response, high frequency
- IEC IP65

Connection



Light Axis Spacing	40mm	
Minimum Detection Object	≥50mm (Opaque object)	
Detection Distance	0.1~10mm	
Output Type	2*NPN、2*PNP	
Light Source	Infrared light 850nm	
Safety-related Characteristic Parameters	Type	Type 2
	Safety Integrity Level	SIL 2
	Performance Level	PL d
Operating Voltage	24VDC±20%	
Maximum Output Current	250mA Max	
Power Consumption	Transmitter: 2W, Receiver: 3W	
Reset Method	Manual/Auto selectable	
Circuit Protection	Power polarity protection, Output short circuit protection, Output overload protection	
Indicator Lamps	Power Indicator: Green LED Operation Indicator: Red LED Nixie Tube: Diagnostic display, Stable display	
Connection Method	Cable lead-out type (Standard 5m), M12 connector	
Ambient Temperature	Work: -10°C~+55°C Storage: -25°C~+70°C	
Ambient Humidity	Work: 35~85%RH Storage: 35-95%RH	
Light Interference Resistance	Incandescent lamp: Illuminance on the light-receiving surface below 5,000 lx	
Withstand Voltage	AC 1000V, 50/60Hz for 1 minute (Between the whole charging part and the shell)	
Insulation Strength	> 20MΩ (DC500V megohmmeter) (Between the whole charging part and the shell)	
Vibration Resistance	Durability: 10~55Hz double amplitude 1.5mm, 2 hours in X, Y, Z directions	
Protection Class	IEC IP65	
Mounting Method	End caps with built-in mounting holes	
Material	Shell: Aluminum alloy (Yellow), Light-transmitting cover: PMMA, End caps: Engineering plastic	