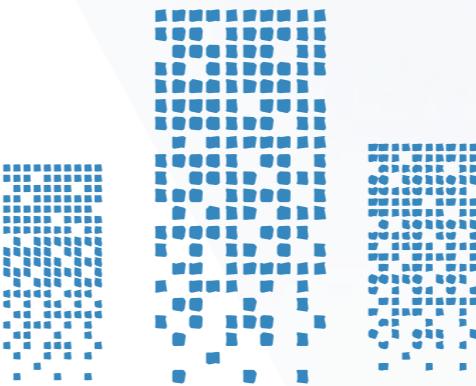




专注高端品质

CE ISO9001:2015



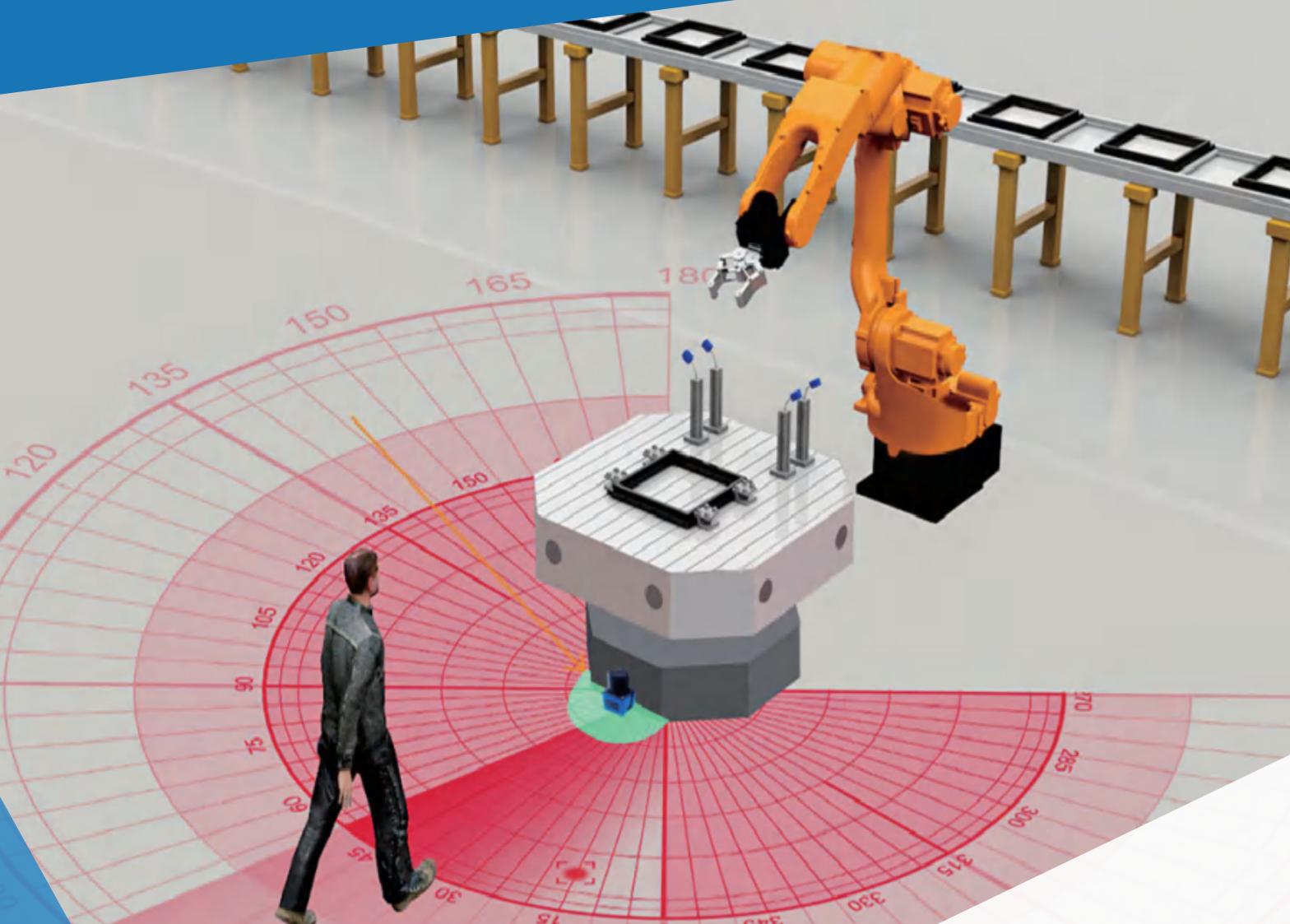
科技，绘见未来
Technology changes the future

OMPREHENSIVE
SAMPLE OF SENSORS

安全传感器

安全光幕/安全激光雷达/安全地垫/安全触边/安全继电器

Safety light curtain/safety lidar/safety mat/safety edge/safety relay



新达科技

020-83717854

全国服务热线

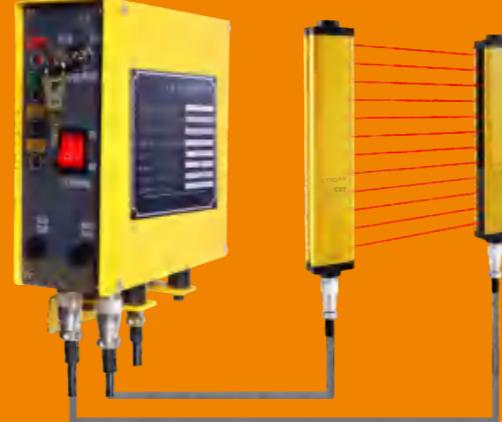
广州市新达电子科技有限公司

广州市天河区科林路18号6栋301-260房

CN:www.gzcyndar.cn EN:www.gzcyndar.com

光电安全保护装置-CST Photoelectric safety protection device

- 无源脉冲输出 逻辑功能更加完善
- 光电信号与设备控制隔离设计
- 能有效屏蔽99%干扰信号
- 极性、短路、过载保护、自检
- Passive pulse output logic function is more perfect
- Optoelectronic signal and equipment control isolation design
- Can effectively shield 99% of interference signals
- Polarity, short circuit, overload protection, self-check



广泛适用于各种冲床、油压机、拉伸机、剪板机、注塑机、自动装配线、
自动门等大型设备及其他安全性更高要求的危险场合。

It is widely used in large machinery such as presses, hydraulic presses, hydraulic presses, shears, automatic doors, or dangerous occasions that require long-distance protection.



◆ 产品配置 Product configuration

控制器、发光器、受光器、传输线和电源线组成。

The controller, the light emitter, the light receiver, the transmission line and the power line are composed.



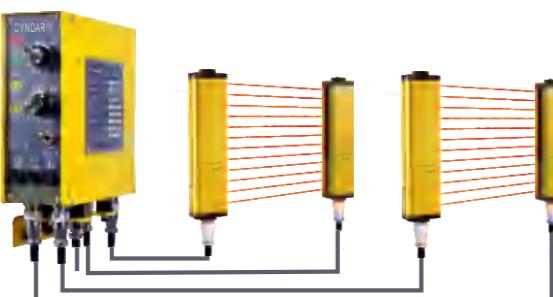
外置控制器QSW
External controller QSW



五芯（发射2.5m，接收3.5m）数据线
Five core (transmitting 2.5m, receiving 3.5m) data line

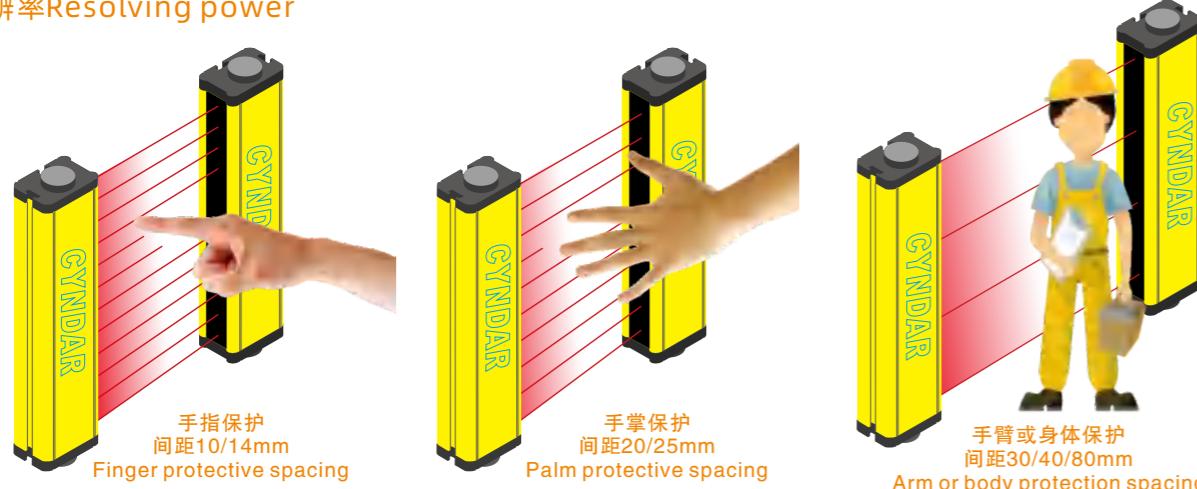


内置控制器QSN
Built-in controller QSN



QSS 系列双面光电安全保护器
QSS series double-sided photoelectric safety protector

◆ 分辨率 Resolving power



◆ 安全接口技术参数一览表 (发光器、受光器)

List of safety interface technical parameters (illuminator, receiver)

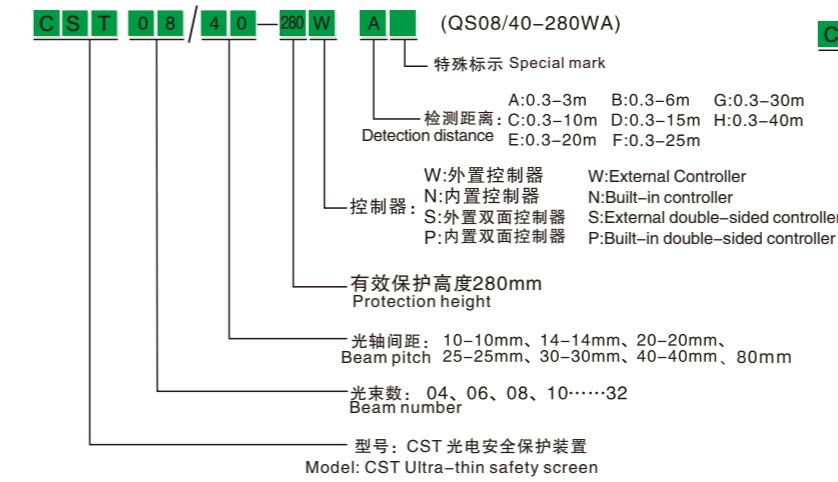
工作电源 Working power	DC12V	输出电流 Output current	≤300mA
输出形式 Output form	直流输出 DC output	电源隔离形式 Power isolation form	DC-DC
脉冲输出电压 Pulse output voltage	DC5V	输出隔离形式 Output isolation form	光耦隔离 Optocoupler isolation

◆ 产品技术参数 Technical parameters of products

电源电压 Supply voltage	AC110~220V ± 15% 50/60Hz					
消耗电流 Consumption current	≤200mA					
输出状态 Output state	双继电器、双输出，常闭，常开一组 Double relay, double output, normally closed, often open a group					
输出触点容量 Output Contact Capacity	AC250V/5A或DC30V5A					
指示灯 Indicator light	投光器：电源指示灯（红色）；受光器：输出指示灯通光（绿色）遮光（红色） Projector: Power indicator (red); Receiver: Output indicator (green) shading (red)					
光源 Light source	调制红外LED Modulated Infrared LED					
连接方式 Connection mode	圆形航空插座，配专用连接电缆，投光器4芯，受光器5芯 Circular aviation socket with special connecting cable, 4 cores of projector and 5 cores of receiver					
壳体材料 Shell material	铝合金，端盖：ABS增强尼龙 Aluminum alloy, end cover: ABS reinforced nylon					
耐环境光 Environmental light resistance	白炽光：受光面照度3000Lx；太阳光：受光面照度10000Lx Incandescent light: illumination of the receiving surface 3000Lx; sunlight: illumination of the receiving surface 10000Lx					
环境温度 Ambient temperature	工作时：-10~+40°C(但不结冰),保存时：-25~+55°C When working: -10 ~ +40 °C (but not freezing), when preserved: -25 ~ +55 °C					
环境湿度 Ambient humidity	工作时：35~85%RH,保存时：35~95%RH Work: 35~85% RH, save: 35~95% RH					
光幕形式 Light curtain form	对射式 Counter shooting					
光轴间距 Beam pitch	10mm	14mm	20mm	25mm	30mm	40mm
检测精度 Check the accuracy	18mm	22mm	28mm	33mm	38mm	48mm
光束数 Beam number	6、8…32	6、8…32	4、6…32	6、8…32	4、6…32	4、6…32
保护高度 Height of protection	光轴间距Beam pitch X (光束数Beam number-1)					
检测距离 Detection distance	0.3~3m 0.3~6m 0.3~30m					
响应时间 Response time	≤10ms					
抗光干扰 Anti light interference	10000Lux(入射角Incidence angle ≥ 5°)					
外形尺寸 Outline size	35x51xLmm(L为发光器/受光器长度L is the length of light emitter/receiver)					
防护等级 Protection level	IP65					
控制器 Controller	QSW、QSN、QSS、QSP					

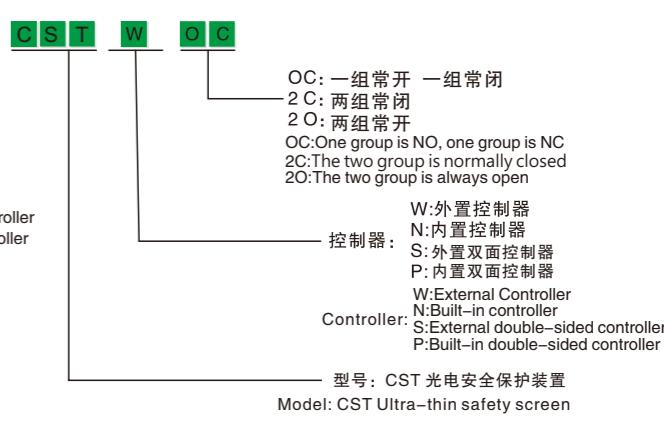
◆ CST型光电安全保护装置规格表说明

CST ultra-thin safety light curtain specification sheet is as follows

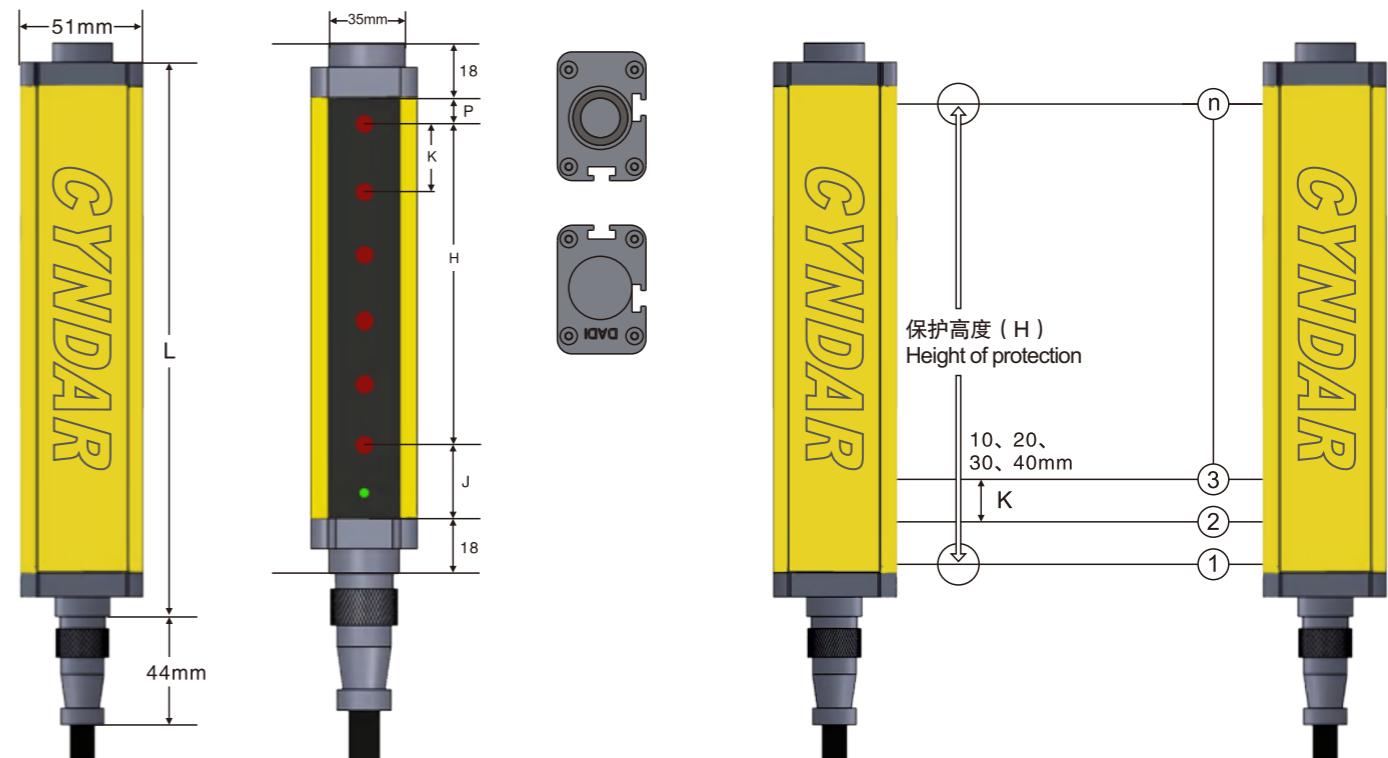


◆ CST控制器规格表

CST Controller Specification Table



◆ CST外形尺寸 Dimensions



K (mm)	10	14	20	25	30	40	80
P (mm)	5	7	10	12.5	15	20	40
J (mm)	32	32	25	25	25	25	25

◆CST规格一览表 Specification List

光轴间距 Beam pitch	光束数 Light beam	保护高度mm(H) Protection height	光幕高度mm(l) Screen height	产品型号 Product model	信号输出方式 Signal output mode			检测距离 Detection distance
					W	N	S	
10mm (K)	6	50	123	QS06/10-50	W	N	S	0.3-3m
	8	70	143	QS08/10-70	W	N	S	0.3-3m
	10	90	163	QS10/10-90	W	N	S	0.3-3m
	12	110	183	QS12/10-110	W	N	S	0.3-3m
	14	130	203	QS14/10-130	W	N	S	0.3-3m
	16	150	223	QS16/10-150	W	N	S	0.3-3m
	18	170	243	QS18/10-170	W	N	S	0.3-3m
	20	190	263	QS20/10-190	W	N	S	0.3-3m
	22	210	283	QS22/10-210	W	N	S	0.3-3m
	24	230	303	QS24/10-230	W	N	S	0.3-3m
	26	250	323	QS26/10-250	W	N	S	0.3-3m
	28	270	343	QS28/10-270	W	N	S	0.3-3m
	30	290	363	QS30/10-290	W	N	S	0.3-3m
	32	310	383	QS32/10-310	W	N	S	0.3-3m
14mm (K)	6	70	145	QS06/14-70	W	N	S	0.3-3m
	8	98	173	QS08/14-98	W	N	S	0.3-3m
	10	126	201	QS10/14-126	W	N	S	0.3-3m
	12	154	229	QS12/14-154	W	N	S	0.3-3m
	14	182	257	QS14/14-182	W	N	S	0.3-3m
	16	210	285	QS16/14-210	W	N	S	0.3-3m
	18	238	313	QS18/14-238	W	N	S	0.3-3m
	20	266	341	QS20/14-266	W	N	S	0.3-3m
	22	294	369	QS22/14-294	W	N	S	0.3-3m
	24	322	397	QS24/14-322	W	N	S	0.3-3m
	26	350	425	QS26/14-350	W	N	S	0.3-3m
	28	378	453	QS28/14-378	W	N	S	0.3-3m
	30	406	481	QS30/14-406	W	N	S	0.3-3m
	32	434	509	QS32/14-434	W	N	S	0.3-3m
20mm (K)	4	60	131	QS04/20-60	W	N	S	0.3-3m
	6	100	171	QS06/20-100	W	N	S	0.3-3m
	8	140	211	QS08/20-140	W	N	S	0.3-3m
	10	180	251	QS10/20-180	W	N	S	0.3-3m
	12	220	291	QS12/20-220	W	N	S	0.3-3m
	14	260	331	QS14/20-260	W	N	S	0.3-3m
	16	300	371	QS16/20-300	W	N	S	0.3-3m
	18	340	411	QS18/20-340	W	N	S	0.3-3m
	20	380	451	QS20/20-380	W	N	S	0.3-3m
	22	420	491	QS22/20-420	W	N	S	0.3-3m
	24	460	531	QS24/20-460	W	N	S	0.3-3m
	26	500	571	QS26/20-500	W	N	S	0.3-3m
	28	540	611	QS28/20-540	W	N	S	0.3-3m
	30	580	651	QS30/20-580	W	N	S	0.3-3m
	32	620	691	QS32/20-620	W	N	S	0.3-3m
25mm (K)	6	125	198.5	QS06/25-125	W	N	S	0.3-3m
	8	175	248.5	QS08/25-175	W	N	S	0.3-3m
	10	225	298.5	QS10/25-225	W	N	S	0.3-3m
	12	275	348.5	QS12/25-275	W	N	S	0.3-3m
	14	325	398.5	QS14/25-325	W	N	S	0.3-3m
	16	375	448.5	QS16/25-375	W	N	S	0.3-3m
	18	425	498.5	QS18/25-425	W	N	S	0.3-3m
	20	475	548.5	QS20/25-475	W	N	S	0.3-3m
	22	525	598.5	QS22/25-525	W	N	S	0.3-3m
	24	575	648.5	QS24/25-575	W	N	S	0.3-3m
	26	625	698.5	QS26/25-625	W	N	S	0.3-3m
	28	675	748.5	QS28/25-675	W	N	S	0.3-3m
	30	725	798.5	QS30/25-725	W	N	S	0.3-3m
	32	775	848.5	QS32/25-775	W	N	S	0.3-3m
30mm (K)	4	90	166	QS04/30-90	W	N	S	0.3-3m
	6	150	226	QS06/30-150	W	N	S	0.3-3m
	8	210	286	QS08/30-210	W	N	S	0.3-3m
	10	270	346	QS10/30-270	W	N	S	0.3-3m
	12	330	406	QS12/30-330	W	N	S	0.3-3m
	14	390	466	QS14/30-390	W	N	S	0.3-3m
	16	450	526	QS16/30-450	W	N	S	0.3-3m
	18	510	586	QS18/30-510	W	N	S	0.3-3m
	20	570	646	QS20/30-570	W	N	S	0.3-3m
	22	630	706	QS22/30-630	W	N	S	0.3-3m
	24	690	766	QS24/30-690	W	N	S	0.3-3m
	26	750	826	QS26/30-750	W	N	S	0.3-3m
	28	810	886	QS28/30-810	W	N	S	0.3-3m
	30	870	946	QS30/30-870	W	N	S	0.3-3m
	32	930	1006	QS32/30-930	W	N	S	0.3-3m
40mm (K)	4	120	201	QS04/40-120	W	N	S	0.3-3m
	6	200	281	QS06/40-200	W	N	S	0.3-3m
	8	280	361	QS08/40-280	W	N	S	0.3-3m
	10	360	441	QS10/40-360	W	N	S	0.3-3m
	12	440	521	QS12/40-440	W	N	S	0.3-3m
	14	520	601	QS14/40-520	W	N	S	0.3-3m
	16	600	681	QS16/40-600	W	N	S	0.3-3m
	18	680	761	QS18/40-680	W	N	S	0.3-3m
	20	760	841	QS20/40-760	W	N	S	0.3-3m
	22	840	921	QS22/40-840	W	N	S	0.3-3m
	24	920	1001	QS24/40-920	W	N	S	0.3-3m
	26	1000	1081	QS26/40-1000	W	N	S	0.3-3m
	28	1080	1161	QS28/40-1080	W	N	S	0.3-3m
	30	1160	1241	QS30/40-1160	W	N	S	0.3-3m
	32	1240	1321	QS32/40-1240	W	N	S	0.3-3m
80mm (K)	4	240	341	QS04/80-240	W	N	S	0.3-3m
	6	400	501	QS0				