



**型号**

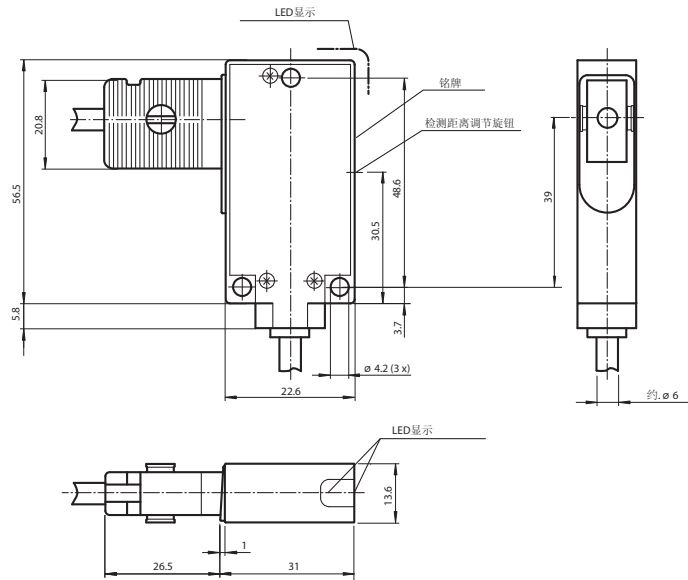
**MLV40-LL-IR/49/115**

玻璃光纤光电开关  
带 2 m 固定电缆

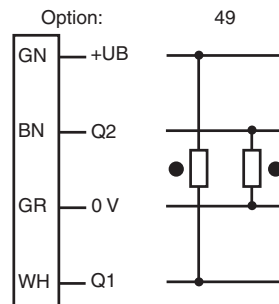
**特性**

- 坚固的铝制外壳
- 光纤适配器带快速锁紧装置
- 所需安装空间小
- 作为附件，广泛的管线产品可供选择

**外形尺寸**



**电气连接**



- = 亮通
- = 暗通

Release date: 2007-11-27 Date of issue: 2010-11-26 419655\_cn.xml

附件参数可从网上下载。

## 技术参数

## 一般说明

检测距离	取决于所选用的光纤，见光纤选型表	
光源类型	红外光 LED	
认证	CE, cULus	
可调范围	取决于所选用的光纤	
光源特性	红外光，调制光	
极限环境光强	50000 Lux	

## 指示灯 / 动作说明

功能显示	黄色 LED: 不稳定时闪烁	
调节元件	灵敏度调节旋钮	

## 电气特性

工作电压	$U_B$	10 ... 30 V DC
纹波		10 %
空载电流	$I_0$	40 mA

## 输出

开关类型	暗通	
信号输出	1 路 PNP 和 1 路 NPN，短路保护，反极性保护	
负载电压	最大 30 V DC	
负载电流	最大 200 mA	
开关频率	$f$	100 Hz
电流损耗	$\leq 40$ mA	
响应时间	5 ms	

## 符合标准

标准	IEC / EN 60947-5-2	
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## 环境温度

工作温度	-20 ... 60 °C (253 ... 333 K)	
储藏温度	-20 ... 75 °C (253 ... 348 K)	

## 机械特性

LWL-Adapter	04	
防护等级	IP65	
连接	2 m 固定电缆	
材料		
外壳	铝	
光学透镜	玻璃	
重量	100 g	

## 光纤选型表

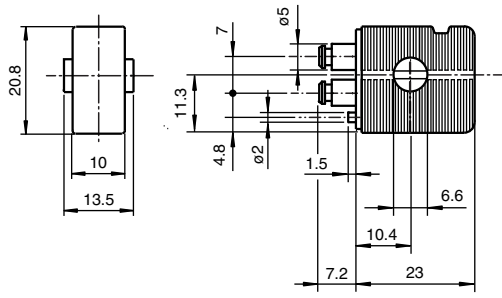
	光纤型号	检测距离 mm			Figure
		MLV40-LL-IR	MLV40-LL-RT	SU14-LL	
带 PVC 外套 的单路玻璃 光纤	LCE04-1,1,0,5-WC3	100	50	100	1
	LCE04-1,1,1,5-WC3	110	60	80	1
	LCE04-1,6,0,5-WC3	280	80	160	2
	LCE04-1,6-1,0-WC3	200	60	120	2
	LCE04-1,6-1,0-Z1	280	80	160	3
	LCE04-1,6-1,0-G	280	80	160	4
带 PVC 外套 的反射型玻 璃光纤	LCR04-1,1,0,5-WC3	50	25	40	5
	LCR04-1,6-1,0-WC3	100	50	80	6
	LCR04-1,6,0,5-WC2	50	20	40	7
	LCR04-1,6,0,5-Z1	80	40	80	8
	LCR04-1,6-1,0-Z1	100	50	80	8
	LCR04-1,6-1,0-G	100	50	80	9
带金属硅外 套的单路玻 璃光纤	LLE04-1,6-1,0-G	280	40	160	10
	LLE04-1,6-1,0-Z1	280	40	160	11
	LLE04-1,6-1,0-WC3	280	35	160	12
	LLE04-1,6-1,0-WC15	250	35	140	13

Release date: 2007-11-27 Date of issue: 2010-11-26 419655\_cn.xml

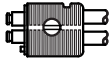
带金属硅外套的反射型玻璃光纤	LLR04-1,6-0,5-G	90	40	80	14
	LLR04-1,6-1,0-G	100	50	80	14
	LLR04-1,6-0,5-QW1x4	80	35	60	18
	LLR04-1,6-1,0-QW1x4	60	40	40	18
	LLR04-1,6-0,5-WC3	80	35	60	15
	LLR04-1,6-1,0-WC3	100	50	80	15
	LLR04-1,9-1,0-WC5	100	50	70	16
	LLR04-1,6-1,0-Z1	110	50	80	17
带金属外套的单路玻璃光纤	LME04-0,8-0,5-Z1	80	40	60	19
	LME04-0,8-1,0-Z1	60	30	40	19
	LME04-1,6-0,5-Z1	160	80	120	20
	LME04-1,9-0,5-Z1	200	100	150	20
	LME04-1,6-1,0-WC3	120	60	80	23
	LME04-0,8-0,5-WC4	70	35	45	21
	LME04-1,6-1,5-WC4	120	60	80	22
带金属外套的反射型玻璃光纤	LMR04-0,5-0,5-WC4	6	5	5	24
	LMR04-0,5-0,5-Z0	7	6	5	26
	LMR04-0,5-0,5-Z1	7	6	5	25
	LMR04-1,6-0,5-Z1	80	35	60	27
	LMR04-1,9-0,5-Z1	90	40	70	28
	LMR04-0,6-0,5-QW0,25/2	5	3	4	29

其他长度和末端可按要求提供

Adapter



Thru-beam



Reflex



Fig. 1

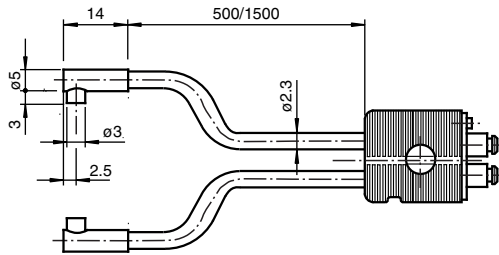


Fig. 2

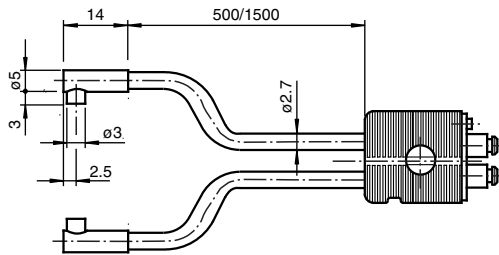


Fig. 3

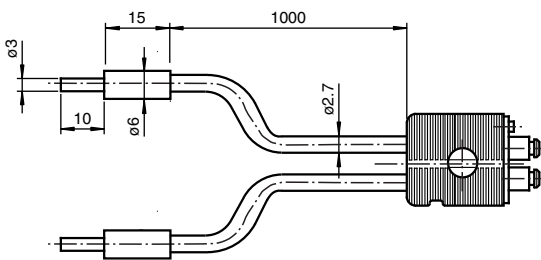


Fig. 4

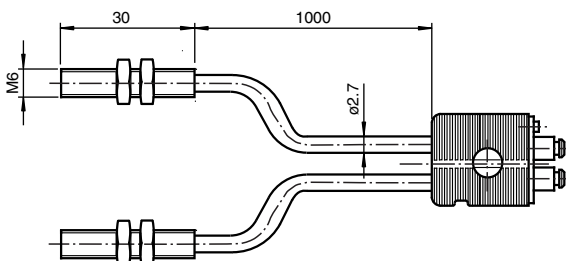


Fig. 5

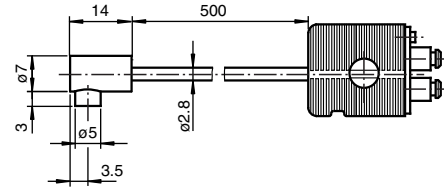


Fig. 6

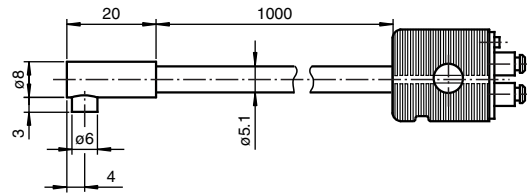


Fig. 7

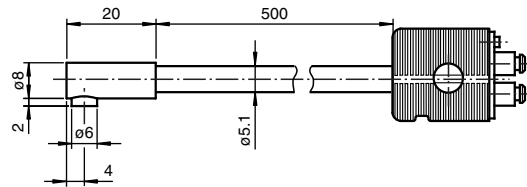


Fig. 8

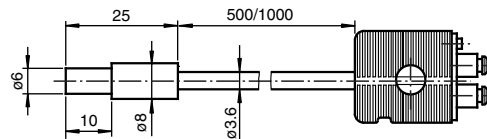
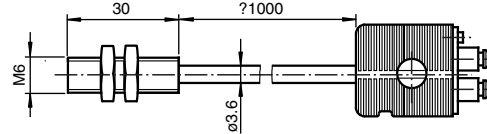


Fig. 9



Release date: 2007-11-27 Date of issue: 2010-11-26 419655\_cn.xml

Fig. 10

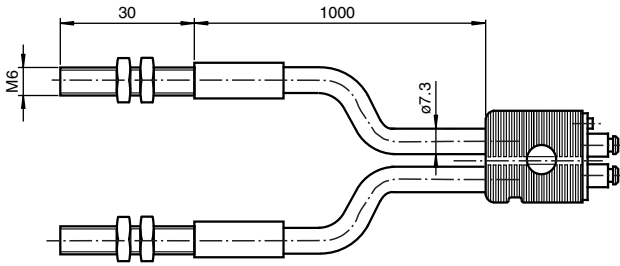


Fig. 11

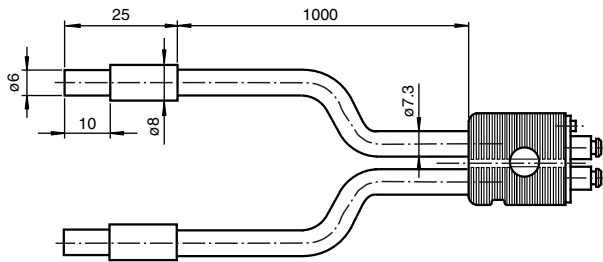


Fig. 12

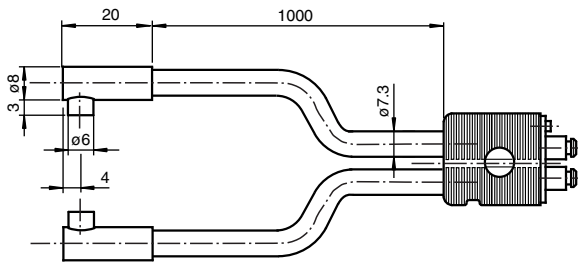


Fig. 13

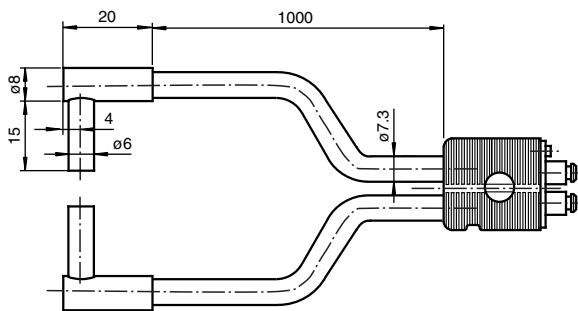


Fig. 14

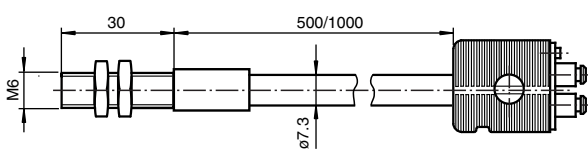


Fig. 15

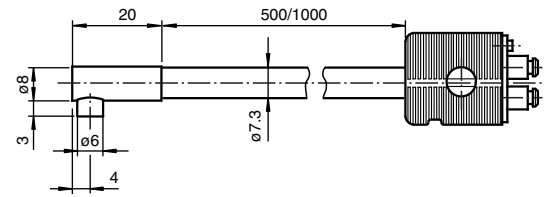


Fig. 16

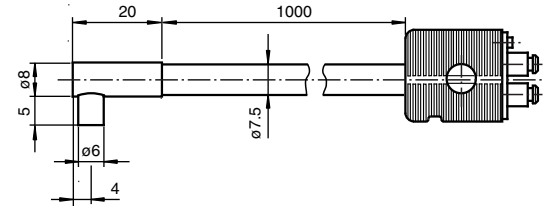


Fig. 17

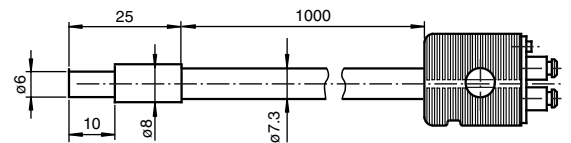


Fig. 18

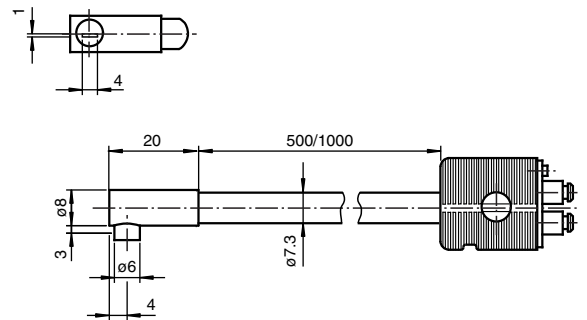
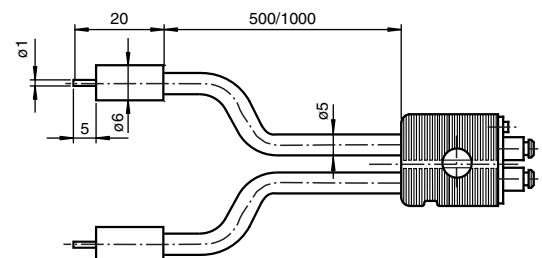


Fig. 19



Release date: 2007-11-27 Date of issue: 2010-11-26 419655\_cn.xml

Fig. 20

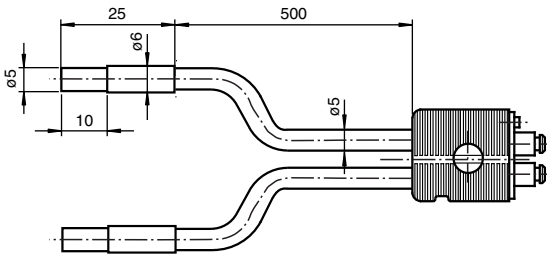


Fig. 25

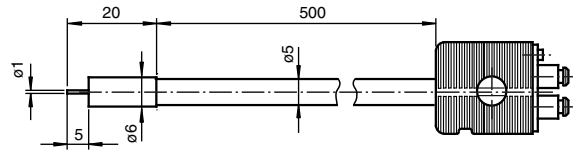


Fig. 21

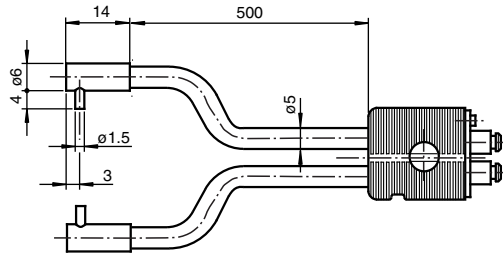


Fig. 26

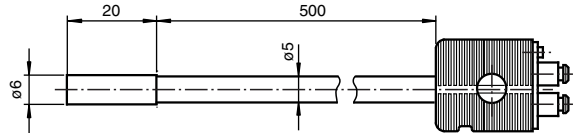


Fig. 22

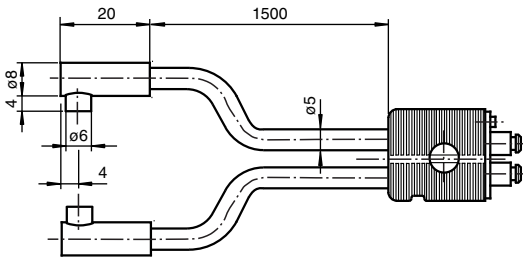


Fig. 27

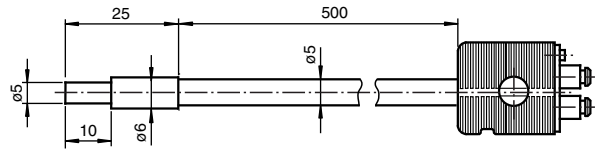


Fig. 23

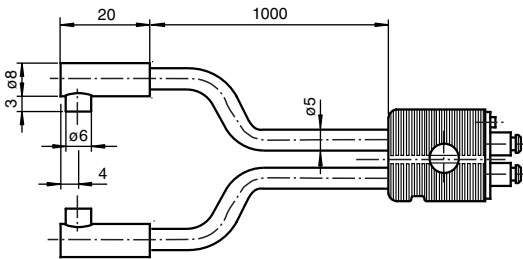


Fig. 28

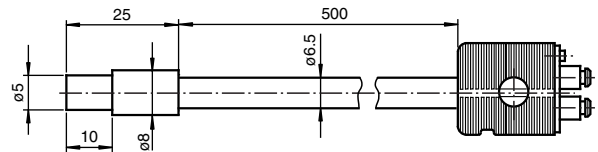


Fig. 24

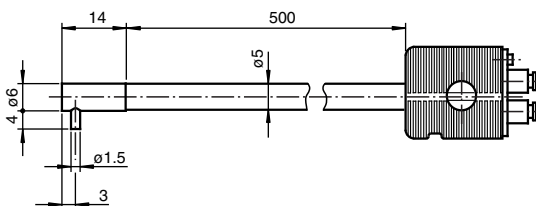
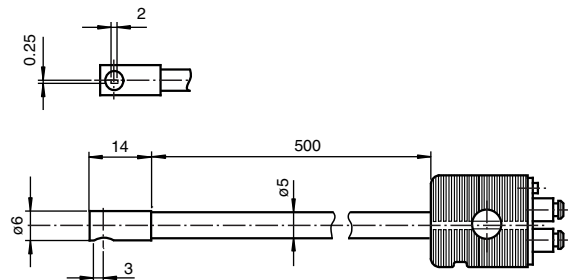


Fig. 29



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