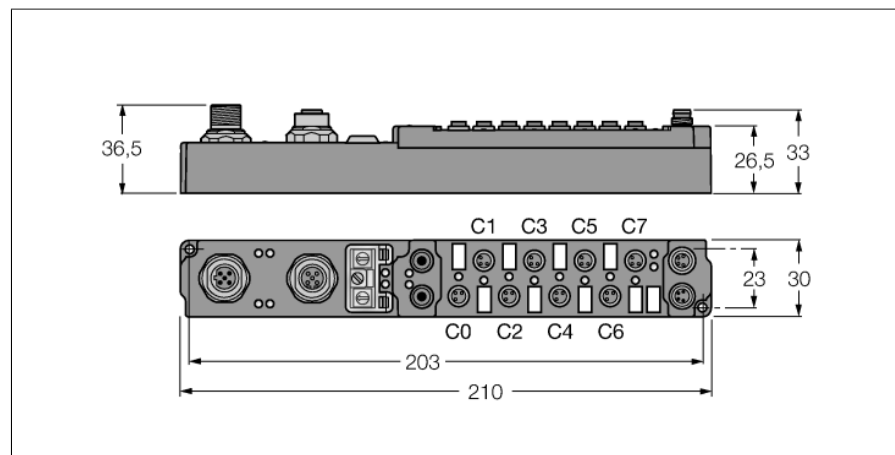


用于PROFIBUS-DP的piconet耦合模块

4通道pnp输入滤波3ms

4 Digital Outputs 0.5 A

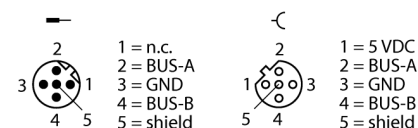
SDPL-0404D-1003



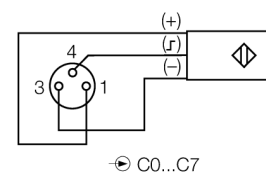
型号	SDPL-0404D-1003
货号	6824450
通道数	8
工作/负载电压	20...29 VDC
工作电流	≤ 100 mA
现场总线传输速率	9.6 kbps ... 12 Mbps
现场总线地址设定	0 to 99
服务接口	parameterisation via I/O-ASSISTANT
电气隔离	Fieldbus to operational voltage
Fibre-optic length	≤ 15 m
通道数	4 digital inputs acc. to EN 61131-2
输入电压	20...29 VDC via operating voltage
低电平信号电压	-3...5 VDC (EN 61131-2, type 2)
高电平信号电压	11...30 VDC (EN 61131-2, type 2)
输入延迟	3 ms
最大输入电流	6 mA
通道数	4 digital outputs acc. to EN 61131-2
输出电压	20...29 VDC, 来自负载电压
通道输出电流	0.5 A, 短路保护
负载类型	阻性, 感性, 灯
开关频率	≤ 500 Hz
同步因数	1
尺寸 (长/宽/高)	30 x 210 x 26.5 mm
振动测试	符合EN 60068-2-6标准
冲击测试	根据 DIN EN 60068-2-27
电磁兼容性	符合EN 61000-6-2/EN 61000-6-4标准
防护等级	IP67
认证	CE, cULus

- 配置接口
- 功能参数化
- 通过I/O-ASSISTANT支持
- 直接连接至现场总线
- 直接连接至IP Link
- 玻璃光纤加固外壳
- 模块电路封装
- 金属接插件
- 防护等级IP67

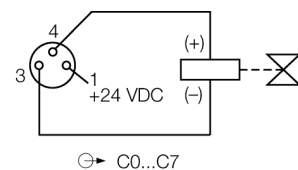
M12 × 1 现场总线



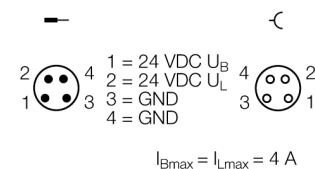
M8 × 1 输入



M8 × 1 输出



M8 × 1 电源



$$I_{Bmax} = I_{Lmax} = 4 \text{ A}$$

LEDs

	LED designation	Status green	Status red	Function
PROFIBUS-DP	RUN / ERR (PB)	ON	ON	Module waits for communication
		OFF	ON	Module searching for set transmission rate
		OFF	OFF	Module waits for cyclic communication
		ON	flashes	Module has detected transmission rate / start-up fault
		ON	OFF	RUN I/O OFF: DP start-up successful, no data exchange
		ON	OFF	RUN I/O ON: Module is exchanging data
IP-Link / module status	RUN / ERR (I/O)	flickers/ON	OFF	Receiving error-free IP-Link protocols
		flickers	flickers	Receiving faulty IP-Link protocols
		OFF	flickers	Receiving faulty IP-Link protocols / system fault
		OFF	ON	No receipt of IP-Link protocols / module error
Inputs	0...3	OFF		Input inactive (not dampened)
		ON		Input active (dampened)
Outputs	4...7	OFF		Output inactive (not switched)
		ON		Output active (switched)
Power supply	U _B	OFF		Operating voltage U _B < 18 VDC
		ON		Operating voltage U _B ≥ 18 VDC
	U _L	OFF		Load voltage U _L < 18 VDC
		ON		Load voltage U _L ≥ 18 VDC

过程映像中的数据

			Bit 7	Bit 6	Bit 5	Bit 4	Bit 3	Bit 2	Bit 1	Bit 0
Coupling module parameter Byte alignment is "disabled" (default) and the previous byte has been completely used. 4 bit input data and output data each are mapped.	Input	Byte 0	is used by the physically following bit-oriented extension module connected via the IP Link.				C1P2	C1P4	C0P2	C0P4
	Output	Byte 0					C3P2	C3P4	C2P2	C2P4
Coupling module parameter Byte alignment is activated. 1 byte input data and output data each are mapped.	Input	Byte 0	idle	idle	idle	idle	C1P2	C1P4	C0P2	C0P4
	Output	Byte 0	C3P2	C3P4	C2P2	C2P4	idle	idle	idle	idle

C... = Connector no., P... = Pin no.