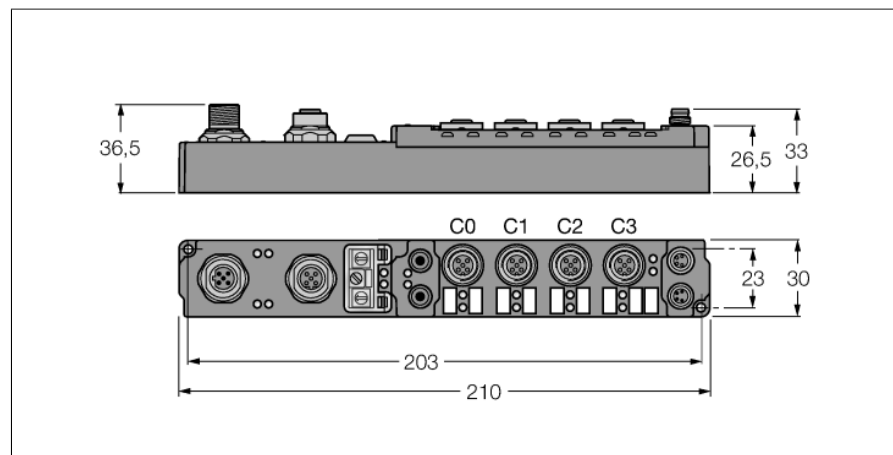


用于PROFIBUS-DP的piconet耦合模块

4通道pnp输入滤波3ms

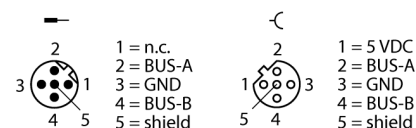
4 Digital Outputs 0.5 A

SDPL-0404D-1004

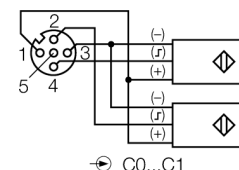


- 配置接口
- 功能参数化
- 通过I/O-ASSISTANT支持
- 直接连接至现场总线
- 直接连接至IP Link
- 玻璃光纤加固外壳
- 模块电路封装
- 金属接插件
- 防护等级IP67

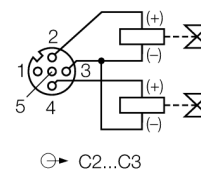
M12 × 1 现场总线



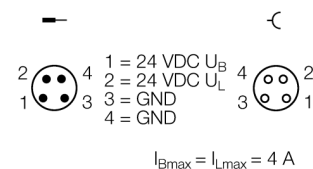
M12 × 1 输入



M12 × 1 输出



M8 × 1 电源



型号	SDPL-0404D-1004
货号	6824451
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

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.

LED status Gateway

LED	Color	Status	Description
RUN/ERR PB	green	on	Module waiting for communication
	red	on	
	green	off	Module searching for transmission rate
	red	on	
	green	off	Module waiting for cyclic communication
	red	off	
	green	on	Transmission rate found
	red	flashing	
	green	on	PROFIBUS-DP start-up completed
	red	off	
RUN/ERR I/O	green	off	No data exchange
	red	off	
	green	on	Module is in cyclic data exchange
	red	off	

LED status IOs

LED	Color	Status	Description
Inputs	green	on	High potential at input
		off	Low potential at input
Outputs	green	on	High potential at output
		off	Low potential at output

LED status power supply

LED	Color	Status	Description
UB	green	on	Operating voltage within the defined tolerances
		off	Operating voltage below the defined tolerances
UL	green	on	Load voltage within the defined tolerances
		off	Load voltage below the defined tolerances