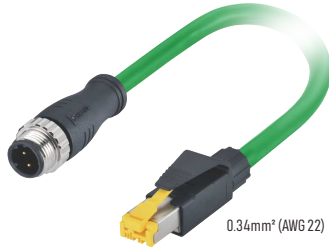
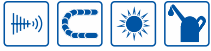
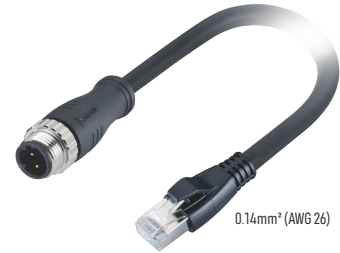


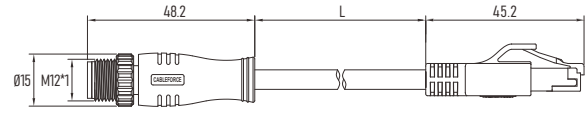
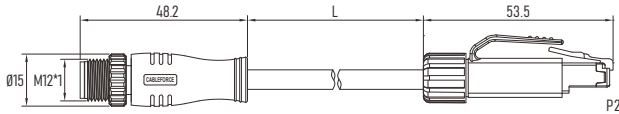
M12 D-Code, male to RJ45 male, double ended, molded Profinet cable, 360° EMI-Shielded  
 M12 D - RJ45 双公头 成型式 预铸Profinet工业以太网电缆 360° 屏蔽型



0.34mm<sup>2</sup> (AWG 22)



0.14mm<sup>2</sup> (AWG 26)



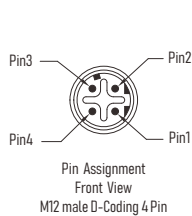
## Connector Technical data 技术参数

Contacts No.	Pin位/芯数	M12 Male 公头	Cable Color 电缆颜色(22 AWG)	Cable Color 电缆颜色(26 AWG)	RJ45 Male 公头
Front View	正视图				
Reference Standard	参照标准	IEC 61076-2-101			
Rated current	额定电流	4A			
Rated voltage	额定电压	250V			
Impulse voltage	脉冲高压	2500V			
Locking system	锁紧方式	M12 x 1.0 screw / M12 螺丝锁紧			
Termination	接线方式	M12: Soldering / 焊接, RJ45: Piercing / 刺破式			
Cable specification	电缆规格	0.34mm <sup>2</sup> (AWG 22), 0.14mm <sup>2</sup> (AWG 26), CAT 5E SFTP			
Rated temperature	温度范围	Flexible/ 动态 -25 °C... +80 °C, Static/ 静态 -40 °C... +80 °C			
Insulation resistance	绝缘电阻	≥100MΩ			
Contact resistance	接触电阻	≤5mΩ			
Characteristic impedance	特性阻抗	100Ω ±15			
Over-molding	外模材料	TPU			
Contact carrier	胶芯材料	TPU + GF			
Screw nut	螺丝材料	Brass, CNC, nickel-plated 黄铜 镀镍 机加工			
Contact	Pin针端子	Brass 黄铜			
Contacts plating	端子镀层	Au (Gold) 镀金			
O-ring	密封圈	FKM/ Silicon O-Ring 氟橡胶/ 硅胶			
Protection degree	防护等级	IP67, IP68			
Drag chain bending	拖链寿命	5 Million times / 500万次			
Pollution degree	污染等级	3			

## Ordering No. 订购料号

Poles 芯数	Cable length 电缆长度	M12 D-Code male to RJ45 Assembly Plug M12-RJ45组装式		M12 D-Code male to RJ45 Molding Plug M12-RJ45成型式	
		PUR (Green Cable 绿色电缆)	PUR (Black Cable 黑色电缆)	PUR (Green Cable 绿色电缆)	PUR (Black Cable 黑色电缆)
4 Pin	1m	RJ5EA1-MC04C5LSDB22RG10-PFNF5	RJ5EA1-MC04C5LSDB22RK10-PFNF5	RJ5EC1-MC04C5LSDB26RG10-PFNF5	RJ5EC1-MC04C5LSDB26RK10-PFNF5
	2m	RJ5EA1-MC04C5LSDB22RG20-PFNF5	RJ5EA1-MC04C5LSDB22RK20-PFNF5	RJ5EC1-MC04C5LSDB26RG20-PFNF5	RJ5EC1-MC04C5LSDB26RK20-PFNF5
	5m	RJ5EA1-MC04C5LSDB22RG50-PFNF5	RJ5EA1-MC04C5LSDB22RK50-PFNF5	RJ5EC1-MC04C5LSDB26RG50-PFNF5	RJ5EC1-MC04C5LSDB26RK50-PFNF5
	10m	RJ5EA1-MC04C5LSDB22RG100-PFNF5	RJ5EA1-MC04C5LSDB22RK100-PFNF5	RJ5EC1-MC04C5LSDB26RG100-PFNF5	RJ5EC1-MC04C5LSDB26RK100-PFNF5
	15m	RJ5EA1-MC04C5LSDB22RG150-PFNF5	RJ5EA1-MC04C5LSDB22RK150-PFNF5	RJ5EC1-MC04C5LSDB26RG150-PFNF5	RJ5EC1-MC04C5LSDB26RK150-PFNF5
	20m	RJ5EA1-MC04C5LSDB22RG200-PFNF5	RJ5EA1-MC04C5LSDB22RK200-PFNF5	RJ5EC1-MC04C5LSDB26RG200-PFNF5	RJ5EC1-MC04C5LSDB26RK200-PFNF5

## Wiring Diagram 接线表



P1 (M12)		P2 (RJ45)
Pin 1	Yellow 黄 (AWG 22)	Pin 1
Pin 2	White 白 (AWG 22)	Pin 2
Pin 3	Orange 橙 (AWG 22)	Pin 3
Pin 4	Blue 蓝 (AWG 22)	Pin 4
Shell	Braid 编织	Shell

P1 (M12)		P2 (RJ45)
Pin 1	White / Orange 白/橙 (AWG 26)	Pin 1
Pin 3	Orange 橙 (AWG 26)	Pin 2
Pin 2	White/Green 白/绿 (AWG 26)	Pin 3
Pin 4	Green 绿 (AWG 26)	Pin 6
Shell	Braid 编织	Shell

