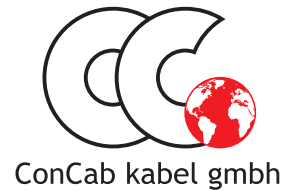


# CC-Bus-Schleppflex<sup>®</sup> Hybrid PUR-931

## 高柔性总线电缆，带 POF-LWL

### high flexible fieldbus cable with POF-LWL



#### 应用领域

CC-BUS-Schleppflex Hybrid-PUR-931 主要用于连接 DESINA<sup>®</sup> - 标准自动化设备和机器。4 根铜芯线用于动力电力供应，每根芯线有 5 根铜丝。塑料光纤 POF 芯线确保了数字控制信号的准确传输，不受任何电磁干扰。CC-Bus-Schleppflex Hybrid 特殊构造使该电缆可以用于移动电源供应链和自动装卸设备。

#### application

CC-BUS-Schleppflex Hybrid-PUR-931 is used for the connection of DESINA<sup>®</sup>-conform automatic equipments and machines. 4 respec-tively 5 copper cores are used for the power supply. The plastic optical fibre (POF) cores secure the exact transmission of digital control signals without any electromagnetic disturbances. The special construction of CC-Bus-Schleppflex Hybrid enables the cable to be used in mobile power supply chains and automatic handling equipment.

#### 构造

超细裸铜丝精绞，PVC 芯线绝缘，芯线颜色黑色带连续白色数字编号和一根绿黄保护接地导体。芯线和 POF 光纤敷设在中间填充芯线周围，芳纶纤维应力释放消除。PUR 外护套，阻燃和自熄（符合 DIN EN 60332-1-2 VDE 0482 332-1-2:2005-06 部分标准）。外护套颜色 DESINA<sup>®</sup> - 紫色 (RAL4001)。

#### construction

Superfine strands of bare copper wires, PVC-based core insulation, cores are black with consecutive white numbering and a greenyellow protective conductor. Cores and POF-Fibres are laid around a central filling core, aramid strain relief. PUR-based outer sheath, flame retardant and self-extinguishing (acc. to DIN EN 60332-1-2 VDE 0482 part 332-1-2:2005-06). Colour DESINA<sup>®</sup>-violet (RAL 4001).

#### 技术数据 / technical data

额定电压 / rated voltage:	300/500 V
测试电压 / test voltage:	3.000 V
导体绞合方式 / conductor stranding:	超细裸铜丝绞合 / bare superfine copper strands, 符合 / acc. to DIN VDE 0295, 6 类标准 / class 6
纤维类型 / fibre type:	PMMA 梯折射率光纤 / POF step index fibre
芯线直径 / core diameter	980 µm
护套直径 / sheath diameter	1.000 µm
绝缘阻抗 / insulation resistance:	min. 20 MOhm x km
衰减 / attenuation:	max. 20dB/km 在 /at 650nm
温度范围 / temperature range:	固定安装 / fixed installation:                   -30° C 至 /to +70° C 移动安装 / flexible installation:               -5° C 至 /to +70° C
弯曲半径 / bending radius:	固定安装 / fixed installation:               5 x d  外径 -Ø / outer-Ø 移动安装 / flexible installation:            8 x d  外径 -Ø / outer-Ø
符合标准 / approvals:	符合 / acc. to DESINA <sup>®</sup>

物料编码 part-no.	芯线数 + 导体截面积 / 光纤类型 no. of cores + cross-section / fibre type	最大抗拉力 max. tensile strength (N)	铜重 copper weight kg/km	外径 outer-Ø d mm	电缆重量 weight kg/km
931 4015 2980	4 G 1,5 + 2P980/1000	3.000	58	10,2	136
931 5015 2980	5 G 1,5 + 2P980/1000	3.000	72	11,0	170
931 4025 2980	4 G 2,5 + 2P980/1000	3.000	96	12,3	206
931 5025 2980	5 G 2,5 + 2P980/1000	3.000	129	13,2	256

robust cables
Schleppflex <sup>®</sup>
BUS cables
control cables
data cables
IT/communic.
high-temp.
lift cables
rubber cables
single cores
spiral cables
accessories
technical annex