



# CC-Bus Schleppflex<sup>®</sup> PUR-C-94

总线电缆，无卤，超高柔性，屏蔽

ConCab kabel gmbh



## 应用领域

CC-BUS PUR-C-94 用于自动化和通信技术中的连接工业现场总线系统。  
CC-BUS 总线电缆符合高工业标准，(例如 INTERBUS-S<sup>®</sup>, CAN, PROFIBUS, SINEC<sup>®</sup> L2). 该总线电缆是重要的中间连接媒介并且对精确数据传输设定高标准。其特殊构造也使该总线电缆能够用于拖链系统和自动装卸设备中。

## application

CC-BUS PUR-C-94 is used for linking industrial fieldbus systems in automation and communication technology. CC-Bus cables meet high industrial standards, such as INTERBUS-S<sup>®</sup>, CAN, PROFIBUS and SINEC<sup>®</sup> L2. The cables between bus-users are an important intermediary link and set high standards for exact data transmission. The special construction also allows the BUS-cable to be used for power supply chains and automatic handling equipment.

## 构造

(1 x 2 x 0,25 mm<sup>2</sup>) bis (3 x 2 x 0,25 mm<sup>2</sup>)

超细裸铜丝精绞，PE 或者 PP 芯线绝缘。芯线颜色符合 DIN 47100, 芯线绞合成对并且铺设成多层，镀锡铜丝屏蔽，PUR 外护套，不黏连，并且抗水解和微生物 (符合 DIN EN 60332-1-2 VDE 0482 332-2-1:2005-06 部分标准)。

(3 x 2 x 0,25 mm<sup>2</sup> + 3 x 1,0 mm<sup>2</sup>)

对于 0,25mm<sup>2</sup> 如上方描述一致。

对于 1,0mm<sup>2</sup> : (TPE) 芯线绝缘，芯线颜色：红色，蓝色，绿黄。镀锡铜丝屏蔽，PUR 外护套如上方描述一致。

(1 x 2 x 0,64 mm<sup>2</sup>)

超细裸铜丝多股精绞，发泡 PE 芯线绝缘，芯线颜色为绿色和红色，芯线绞合成对，铝箔屏蔽，整体镀锡铜丝屏蔽。PUR 外护套，不黏连，并且抗水解和微生物，阻燃和自熄 (符合 DIN EN 60332-1-2 VDE 0482 332-2-1:2005-06 部分标准)。

(1 x 2 x 0,64 mm<sup>2</sup>) FAST CONNECT

额外附带易于剥离的 PVC 内护套，用于绝缘转移连接器。

(1 x 2 x 0,64 mm<sup>2</sup>) + 3 x 1,0mm<sup>2</sup>

额外附带 3 根单芯线，芯线为 1,0mm<sup>2</sup> 芯线颜色为：黑色，蓝色和绿黄，PUR 外护套。

(1 x 2 x 0,64 mm<sup>2</sup>) + 4 x 1,5mm<sup>2</sup>

额外附带 4 根单芯线，1,5mm<sup>2</sup> 芯线颜色为：黑色带连续白色数字编号，PUR 外护套。

## construction

(1 x 2 x 0,25 mm<sup>2</sup>) to (3 x 2 x 0,25 mm<sup>2</sup>)

Bare, superfine strands of copper wires, PE or PP core insulation. Core colours acc. to DIN 47100, cores twisted to pairs and laid in layers, tinned copper shield, PUR-based outer sheath, low-adhesive and resistant to hydrolysis and microbes, flame retardant and self-extinguishing (acc. to DIN EN 60332-1-2 VDE 0482 part 332-1-2:2005-06).

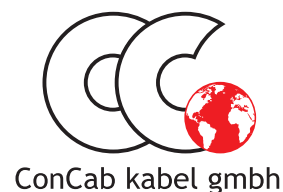
(3 x 2 x 0,25 mm<sup>2</sup> + 3 x 1,0 mm<sup>2</sup>)

For 0,25 mm<sup>2</sup> as described above for 1,0 mm<sup>2</sup> polyester-based (TPE) core insulation. Core colours: red, blue, greenyellow tinned copper shield, outer sheath as described above.

to be continued on the next page

# CC-Bus Schleppflex<sup>®</sup> PUR-C-94

fieldbus cable, halogen-free, superflexible, shielded



**construction** (continued)  
1 x 2 x 0,64 mmØ

Bare superfine strands of copper wire, cellular-PE core insulation, core colours green and red, cores twisted in pairs, aluminium foil, overall tinned copper shield. PUR-based outer sheath, low-adhesive and resistant to hydrolysis and microbes, flame retardant and self-extinguishing (acc. to DIN EN 60332-1-2 VDE 0482 part 332-1-2:2005-06).

1 x 2 x 0,64 mmØ) FAST CONNECT

with additional PVC-based inner sheath for easy dismantling, to be used in insulation-displacement connectors

(1 x 2 x 0,64 mmØ) + 3 x 1,0mm<sup>2</sup>

with additional 3 single cores, 1,0mm<sup>2</sup> core colours are: black, blue and greenyellow, PUR based outer sheath.

(1 x 2 x 0,64 mmØ) + 4 x 1,5mm<sup>2</sup>

with additional 4 single cores, 1,5mm<sup>2</sup> core colour is black with consecutive white numbering, PUR based outer sheath.

## 技术数据 / technical data

额定电压 / rated voltage:	300 V,	
	0,25 mm <sup>2</sup> , 0,64 mmØ :	不用于电力应用场合 / not for power applications
测试电压 / test voltage:	0,25 mm <sup>2</sup> , 0,64 mmØ	1.000 V
	1,0 mm <sup>2</sup> , 1,5 mm <sup>2</sup> :	2.500 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	
绝缘阻抗 / insulation resistance:	min. 100 MOhm x km	
回路电阻 / loop resistance:	0,25 mm <sup>2</sup> :	max. 185 Ohm / km
	0,64 mmØ:	max. 133 Ohm / km
	1,0 mm <sup>2</sup> :	max. 40 Ohm / km
阻抗 / impedance:	0,25 mm <sup>2</sup> :	100 - 120 Ohm
	0,64 mmØ:	150 Ohm
工作电容 / operating capacity (800Hz):	0,25 mm <sup>2</sup> : 芯 / 芯 core/core	max. 60nF/km
	0,64 mmØ: 芯 / 芯 core/core	max. 30nF/km
温度范围 / temperature range:	固定安装 / fixed installation:	-40° C 至 /to +80° C
	移动安装 / flexible installation:	-30° C 至 /to +70° C
弯曲半径 / bending radius:	固定安装 / fixed installation:	10 x d 外径 -Ø / outer-Ø
	移动安装 / flexible installation:	15 x d 外径 -Ø / outer-Ø
符合标准 / approvals:	符合 / acc. to DIN VDE 19245 cUL: Style 20549, 20910	

物料编码 part-no.	芯线数 + 导体截面积 / AWG no. of cores + cross-sections / AWG	外护套颜色 outer sheat colour	铜重 copper weight kg/km	外径 outer-Ø d mm	电缆重量 weight kg/km
94 025 016	(1 x 2 x 0,25) ㉔	紫色 / violet	18	5,2	46
94 025 026	(2 x 2 x 0,25) ㉔	紫色 / violet	35	8,0	72
94 025 036	(3 x 2 x 0,25) ㉔	紫色 / violet	39	8,2	81
94 025 03601	(3 x 2 x 0,25 + 3 x 1) ㉔	紫色 / violet	72	9,3	92
94 024 016	SINEC <sup>®</sup> L2 (1 x 2 x 0,64Ø) ㉔	紫色 / violet	28	7,8	60
94 024 0164	SINEC <sup>®</sup> L2 (1 x 2 x 0,64Ø) FAST CONNECT ㉔	紫色 / violet	28	8,0	78
94 064 01310	SINEC <sup>®</sup> L2 (1 x 2 x 0,64Ø) + 3 x 1 ㉔	紫色 / violet	55	9,5	98
94 064 01415	SINEC <sup>®</sup> L2 (1 x 2 x 0,64Ø) + 4 x 1,5 ㉔	紫色 / violet	89	11,0	152

