



ConCab kabel gmbh

# CC-Bus Safety PUR-C-94

Safety-Bus 安全总线电缆, 无卤, 高柔性, 屏蔽

Safety-Bus cable, halogen-free, flexible, shielded

ConCab kabel Mainhardt Bus-Safety-C-94 3x0,75 E 172073 STYLE 20549 300V 80°C CE



## 应用领域

CC-Bus Safety PUR-C-94 用于自动化和通信技术, 用于连接安全相关元件以及安全控制单元, 以及用于伺服器和执行器的直接连接。

## application

CC-Bus Safety PUR-C-94 is used in automation and communication technology for connecting safety relevant components and safety control units as well as for the direct connections of sensors and actuators.

## 构造

细裸铜丝精绞, 无卤芯线绝缘, 芯线颜色白色, 棕色和绿色。整体镀锡铜丝编织, PUR 外护套, 无粘性, 抗水解和微生物, 阻燃和自熄 (符合 DIN EN 60332-1-2 VDE 0482 332-1-2:2005-06 部分标准)。外护套颜色黄色 (RAL 1003)。

## construction

Bare, fine strands of copper wires, halogen-free core insulation, core colours white, brown and green. Overall tinned copper braid, PUR-based outer sheath, low-adhesive, 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). Sheath colour yellow (RAL 1003).

## 技术数据 / technical data

额定电压 / rated voltage:

UL: 250 V, 不用于动力应用场合 / not for power applications  
300 V,

测试电压 / test voltage:

2.500 V

导体绞合方式 / conductor stranding:

细裸铜丝绞合 / bare fine copper strands,  
符合 / acc. to DIN VDE 0295, 5 类标准 / class 5

绝缘阻抗 / insulation resistance:

min. 100 MOhm x km

回路电阻 / loop resistance:

52 Ohm / km (在 /at 20° C)

阻抗 / impedance:

120 Ohm

工作电压 / operating capacity (800Hz):

45nF/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

UL: Style 20549

最大比特率 / max. bitrate:

500 MBit/s 在 / at 100m

250 MBit/s 在 / at 250m

125 MBit/s 在 / at 500m

50 MBit/s 在 / at 1.000m

物料编码 part-no.	型号 type	芯线数 + 导体截面积 no. of cores + cross-section	铜重 copper weight kg/km	外径 outer-Ø d mm	电缆重量 weight kg/km
94 075 03 09	SAFETY-Bus	(3 x 0,75)	49	7,8	75