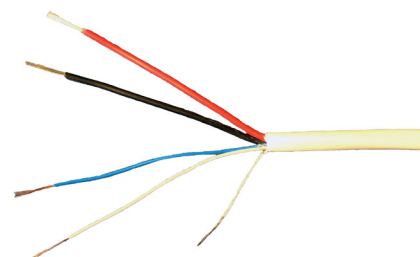


## CABEL 4-CONDUCTOR



### INTRODUCTION





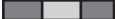
This is a combined power supply and signal cable. The cable has a sheath made of halogen-free, flame-retardant plastic compound.

The cable has a sheath made of halogen-free, flame-retardant plastic compound. The power supply conductors have stranded, tinned copper wire, 1.0 mm<sup>2</sup>, and insulation made of halogen-free, flame-retardant plastic compound.

The signal conductors have stranded, bare copper wire, 0.22 mm<sup>2</sup>, solid polyethylene insulation, and shielding of aluminum/polyester foil.

The cable is used for connecting control units to a loop and for connecting accessories directly to each control unit.

Conductors in the shielded cable when used for power supply and communication:

	<b>G+ (Red)</b>	Sectioned after transformers, i.e., broken between transformer groups on the loop
	<b>G0 (Black)</b>	Unbroken connection throughout the entire loop
	<b>CANL (White)</b>	Unbroken connection throughout the entire loop for communication
	<b>CANH (Blue)</b>	Unbroken connection throughout the entire loop
	<b>Shield</b>	Unbroken connection throughout the entire loop

### TECHNICAL SPECIFICATIONS

#### General

**Fire Classes (CPR Classification):** Dca; s2; d2; a2.

**Designation:** FLAQQR 2x1+1x2x0,22.

**E-nr:** 4895435

**Color:** White.

**Halogen-free:** Yes.

**Flame-retardant:** Yes.

**Outer Diameter:** 6,5 mm.

**Weight:** 5,1 kg/100m.

**Standards:** International IEC 60332-1

#### Construction Properties

**Sheath Material:** HFFR (polyolefin).

**Shield Material:** Aluminum/polyester foil + tinned copper wire.

#### Handling

**Temperature Range for Installation:** -10°C - 50°C.

**Temperature Range for Operation:** -15°C - 70°C.

#### Electrical and Other Properties

##### Power Supply Conductors

**Conductors:** 2 x 1,0 mm<sup>2</sup> tinned copper.

**Number of Strands x Diameter:** 7 x 0,43 mm.

**Insulation:** HFFR.

**Resistance:** Max 20,2 ohm/km.

##### Signal

**Conductors:** 2 x 0,22 mm<sup>2</sup> bare copper.

**Number of Strands x Diameter:** 7 x 0,2 mm.

**Insulation:** PE.

**Resistance:** Max 90,0 ohm/km.

**Capacitance:** Max 65 nF/km.

### SUPPLEMENTARY PRODUCT DOCUMENTATION

Documents are available at [www.lindinvent.com](http://www.lindinvent.com)

Documents	Comment
Installation Instructions	See the prescribed connections in the external connection diagram for the specific product to be connected.
Environmental Product Declaration	Evaluated by Byggarbeteckningen and Sundahus in Sweden.