



The VX-100 Visionlink cable is a combined ethernet and power cable used to connect the VX-100 RU to the VX-100 BU. Between the RU and BU there is an VX-100 Barrier that makes the signals intrinsically safe.

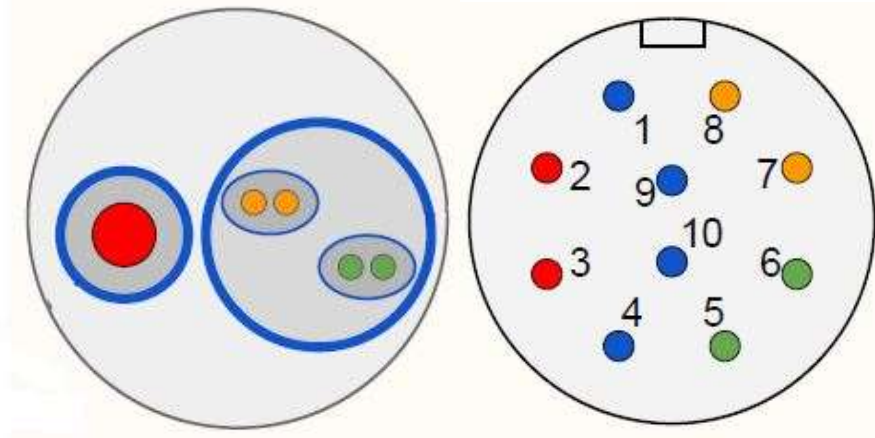
The VX-100 Visionlink cable has several functions:

- Communication cable back-up
- Power supply for the VX-100 RU
- Charging of the battery inserted into the VX-100 RU (Zone 1)
- Used for downloading software
- Used for pairing of units

Technical Specifications

Operating temperature	-25 - +60°C
Ingress Protection (IP)	IP66 when connectors mated
Cable Lengths	2m, 5m, 10m, 15m, 20m.
Weight	0,15kg/m.
Norms	IEC 60332-1-2 – Flame retardant IEC 60332-3-25 – Flame retardant IEC 60754-1.2 – Halogen free NEK TS 606 SHF2 – MUD Jacket
Bending radius	10x OD
Outer diameter	10,4mm
Screen	Double braided tin-plated copper wire
Mechanical protection	Braided aramid fibre
Insulation resistance	>1500MΩ x km
Test voltage	Ethernet: 1kV DC Coax: 3kV DC
Capacitance	Ethernet: 50nF/km

Inductance	Coax: 650nF/km
	Ethernet: 471nH/m @100MHz
Article numbers	Coax: 130nH/m @60KHz
	VR-EXAC000102 - VX-100 VisionLink cable 2m
	VR-EXAC000105 - VX-100 VisionLink cable 5m
	VR-EXAC000110 - VX-100 VisionLink cable 10m
	VR-EXAC000115 - VX-100 VisionLink cable 15m
	VR-EXAC000120 - VX-100 VisionLink cable 20m



Visionlink cable cross section

Visionlink connector pinout

Pin Number	Signal
1	GND/Screen
2	Power (Coax core)
3	Power (Coax core)
4	GND/Screen
5	Ethernet TX-
6	Ethernet TX+
7	Ethernet RX-
8	Ethernet RX+
9	GND/Screen
10	GND/Screen

Content of this datasheet is subject to change without notice.