Cable LIYCYöb blue, 4tech EX cable 705035, 2*2*0,5 Shielded BAM

HK-SO-LiYCYöb outer jacket blue, intrinsic safety, EMC-preferred type, 4tech BAM cable

- Special **4tech Petrol Station Cable** with blue PVC outer jacket for intrinsically safe installation marking to DIN VDE 0165 part 1, EN 60079-14 and IEC 60079-14 section 12.2.2.6 .
- **Oil resistance** according to DIN ISO 6722 part 1 par. 4.11, DIN VDE 0472 part 803 test mode B .
- **Petrol resistance** according to DIN ISO 6722 part 1 part 4.12 .
- PVC self-extinguishing and flame retardant according to DIN VDE 0482 part 265-2-1 / EN 50265-2-1 / IEC 60332-1 (equivalent DIN VDE 0472 part 804 test method B) .
- The materials used in manufacture are cadmium-free and contain no silicone and are free from substances harmful to the wetting properties of lacquers.
- Order no. KEA-2000-00-030

Product ID:	**KEA-2000-00-030 cable**
Conductor resistance:	at 0,5mm^2 ≤ 37,8 Ohm/km
Temperature range:	flexing -5°C - + 80 °C fixed - 30°C - + 80 °C
Nominal voltage:	350V (Not approved for use as mains power cable!)
Test voltage:	core/core approx. 1.200 V core/screen approx. 1.200 V
Breakdown voltage:	min 4.000V
Insulation resistance:	> 100 MOhm * km
Mutual capacitance:	core/core approx. 120 nF/km core/screen : 120 nF/km
Inductance:	approx. 0,7 mH/km
Characteristic impedance:	approx. 80 Ohm
Minimum bending range:	10 * cable Ø
Radiation Resistance:	up to 80*10^6 cJ/kg (up to 80Mrad)
Coupling Resistance:	max 250 Ohm/km
No. pairs * cross section:	2*2*0,5 mm^2
Outer Ø (ca mm):	8,0 mm
Copper weight kg /km:	60 kg / km
Colour:	Blue RAL 5015
Colour coding:	Twisted pairs acc. DIN 47100: White/brown, Green /yellow

Application: For hazardous areas this flexible control cable has been constructed for closed circuit systems in accordance with VDE 0165 part 1, part 12.2.6, which covers the requirements for the special marking (blue) of this type -i-). The paired construction and the copper screening offers a good protection against electrical interference and ensure the transmission of data signals.
EMC = electromagnetic compatibility
To optimize the EMC features we recommend a large round contact of the copper braiding on both ends.
CE = the product is conformed with the EC Low-Voltage Directive 73/23/EEC and 93/68/EEC

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