



TOPDATA VHOV-K (PAR-POS) & VOV-K (POS) 300/500 V

Flexible instrumentation screened cable.

DESIGN

1. Conductor

Electrolytic copper, class 5 (flexible), based on EN 60228 and IEC 60228.

2. Insulation

Flexible PVC.

The standard identification of insulated conductors is the following:

2 conductors each unit numbered (black + blue)

Other colours available on request

3. Cabling

Stranded Conductors in pairs.

4. Individual screen

Individual polyester (per pair) composed by on aluminium / polyester tape with 100% coverage + tinned copper drain wire.

5. Assembly of cores

Cabled in concentric layers.

6. Overall Screen

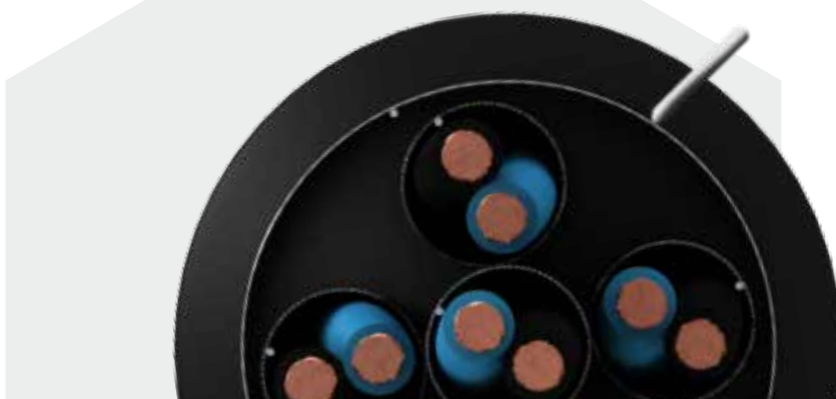
Aluminium / polyester tape with 100% coverage + tinned copper drain wire.

7. Outer sheath

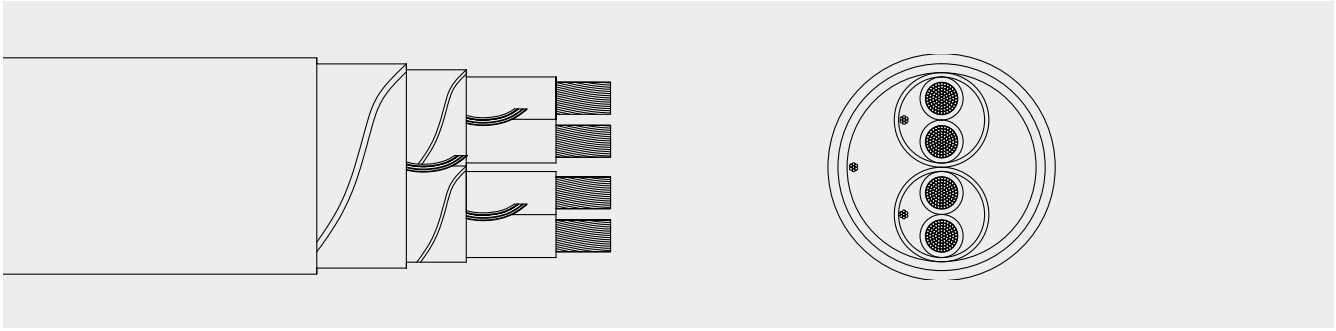
Flexible PVC sheath, black color. The ripcord allows you to gently tear the outer-sheath allowing you to gently peel it away without damaging the screen.

APPLICATIONS

TopData VHOV-K (PAR-POS) & VOV-K (POS) is a flexible screened cable for signalling and control on industrial machinery facilities. The overall screen (VOV-K) and individual (per pair) and overall screen (VHOV-K) make them especially suitable for areas where electrical noise protection is required.



This cable render is an example from this product range and does not necessarily match the selected core size or number of cores.



CHARACTERISTICS



Electrical performance

LOW VOLTAGE 300/500 V



Approvals

CE
RoHS



Thermal performance

Maximum service temperature: 70°C.
Maximum short-circuit temperature: 160°C (max. 5 s)
Minimum service temperature: -40°C (fixed and protected installations).



Fire performance

Flame non-propagation based on UNE-EN 60332-1 and IEC 60332-1.
Reduced emission of halogens. Chlorine <15%.



Mechanical performance

Minimum bending radius: x5 cable diameter.
Impact resistance: AG2 Medium severity.



Chemical performance

Chemical & Oil resistance: Good.



Water performance

Water resistance: AD5 Jets.



Other

Meter by meter marking.
Ripcord.
Electric fields resistant.



Installation conditions

Open Air.
Buried.
In conduit.



Applications

Industrial use.



ARMoured VERSION
ALSO AVAILABLE