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# K-TDC25

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VAL0122970 / SKC9691111



CABLE TDC  
FOR THE RMS-SYSTEM  
DESCRIPTION



## 1. General

The cable is used for plate gap measuring in a pulp refiner.

The K-TDC25 cable is a double shielded cable for connection between the RMS-rack and the connection box KB-02. The KB-02 is then connected to the TDC transducer through the 3 meter long metal protected cable K-GTS.

The cable is shipped in a length of 25 meters and is cut to appropriate length at installation.

## 2. Description

Wire	Tinned copper, 0.38mm <sup>2</sup> , 19*0.16mm
Length	25m
Inner insulation	PVC
Shield	Tinned copper
Outer insulation	PVC
Resistance	20 Ω/km
Maximum current	4A
Maximum voltage	350VAC
Test voltage	2000 VAC
Temperature range	-40 to 105 °C

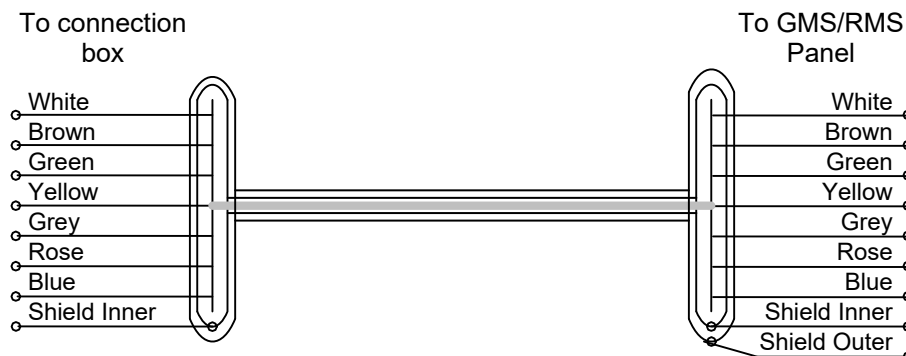
## 3. Connection diagram

Shield connection in the KB-02/KB-AGS1R connection box:

- The inner shield is connected to the housing of the connection box.
- The outer shield is cut off and isolated. The shields should not be in contact with each other.

Shield connection in the RMS rack end:

- The inner shield is connected to the socket connector.
- The outer shield is connected to the ground bar below the RMS rack. The shields should not be in contact with each other.



## 4. Contact

Development, production and service:

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