



COW00T10



Measuring Cable

Properties

- Temperature resistance up to 180 °C
- Shield cover > 90 %
- Rugged outer shell

Application

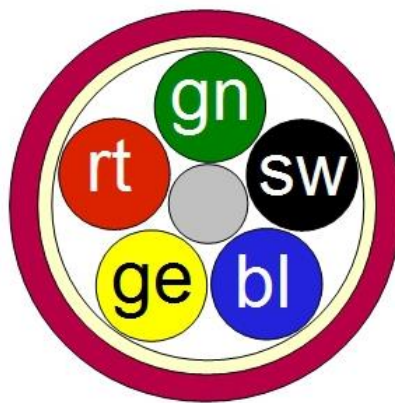
- General measurement
- Fatigue

Description

Due to the robustness with small cable diameter, this cable is preferably used for operational stability in the vehicle. The outer sheath made of FEP is extremely stable against mechanical stress. The shield under the outer sheath has optical coverage > 90 % and thus reliably prevents external interference from interference fields.



Cable configuration



5-pin cable

Technical Data Sheet



mg · sensor
P U R E P R E C I S I O N

COW00T10



Technical specification

	Unit	Value	Comment
Cable cross-section	AWG	30	~0.05 mm ²
Specific resistivity	Ω/km	385	Approximately
Shielding (optical coverage)	%	> 90	
Supply voltage	V	25	
Test voltage	V	600	
Minimum bending radius			
fixed installation		5 x d	
free movable		10 x d	
Temperature range			
fixed installation	°C	-90...+180	
free movable	°C	-55...+180	
Cover color		Red	Similar RAL 3000
Outer sheath		FEP	
Number of single wires			
COW00T10	–	5	
Outside diameter			
wire isolation	mm	0.85	Approximately
COW00T10	mm	2.3	Approximately