



## Type

### Cable structure

Inner conductor diameter:  
Core insulation:  
Core colours:  
Stranding element:  
Shielding 1:  
Shielding 2:  
Total shielding:  
Outer sheath material:  
Cable external diameter:  
Outer sheath colour:

## Sensor Actuator Cable

### 4x0.34 mm<sup>2</sup>

Copper, bare (AWG 22/43)  
PP  
wh, bu, bk, bn  
Star quad  
-  
PETP fleece  
-  
TPM  
4,7 mm ± 0,2 mm  
Black

## Electrical data

Conductor resistance: 60,0 Ohm/km max.  
Insulation resistance: 1,00 GOhm x km min.  
Test voltage: 1,5 kV

## Technical data

Weight: approx. 29,0 kg/km  
Min. bending radius for laying: 75,0 mm  
Operating temperature range min.: -50 °C  
Operating temperature range max.: +80 °C  
Caloric load, approx value: 0,50 MJ/m  
Copper value: 15,0 kg/km

## Norms

UL Style: AWM Style 21198/ 1049

## Application

All Sensors and actuators (such as proximity switches, magnet valves) in a field are installed with these special cables, whereby particular attention is paid to the corrosive environmental conditions. Due to the decentralisation of control and electro-technical function groups, connected directly to the components in the field, significant savings potentials are realized. The main applications of these cables are in machine construction.

## Part no.

**81712**, sensor actuator