

**Product Information**

# Hygienic Connection Cable Shielded Series KH



- Connection M12x1
- PVC cable flexcord grey shielded
- Straight or angled model
- 4- or 5-pole, cable end made up with end sleeves for wires
- Union nut made from V4A
- IP67 as per IEC 60529
- IP 69K protected against water during high pressure and steam jet cleaning as per IEC 60529
- Resistant to heat and cold, range of use -25..+70 °C
- Vibration protection
- Colour coding as per industry standards

**Characteristics**

The connection cable is suitable for moderate mechanical stress. Good resistance to acids and alkalis. Therefore aimed mainly at food and drink industries. Restricted abrasion behaviour, and limited oil and chemical resistance. The shielding increases the shear strength, and also improves the protection from external radiation interference.

**Technical data**

<b>Connector</b>	connection M12x1
<b>Grip body</b>	plastic, PVC
<b>Union nut</b>	stainless steel 1.4404
<b>Contact block / Cable</b>	grey plastic PVC
<b>Contacts</b>	metal, CuZn, gold-plated
<b>Seal</b>	plastic, FPM, FKM
<b>Current carrying capacity</b>	4 A
<b>Rated voltage</b>	max. 250 V
<b>Insulation resistance</b>	$\geq 10^9 \text{ M}\Omega$
<b>Degree of contamination</b>	3/2, as per DIN VDE 0110
<b>Ambient temperature</b>	-25..+70 °C
<b>Ingress protection</b>	IP 67 / IP 69K (only when screwed together)
<b>Mechanical working life</b>	min. 100 mating cycles

**Cable colours:**

1 = brown, 2 = white, 3 = blue, 4 = black, 5 = grey

**Ordering code**

KH - **PV**  - **1**

<b>1. Cable material</b>	
PV	PVC
<b>2. Cable length</b>	
002	2 metres
005	5 metres
010	10 metres
<b>3. Shielding</b>	
1	shielding (not applied to union nut)
<b>4. Number of poles</b>	
04	4-pole
05	5-pole
<b>5. Connector output</b>	
G	straight
W	angled 90 °