

Product information

Temperature - Hygienic Design

Hygienic connection cable shielded series KH for HTK12, HTK30 and HTK35



- Connection M12x1
- PVC cable flexcord gray shielded
- Straight or angled model
- 4- or 5-pole, cable end made up with end sleeves for wires
- Union nut made of V4A
- IP67 acc. to IEC 60529
- IP69K protected against water during high pressure and steam jet cleaning acc. to IEC 60529
- Resistant to heat and cold, application range -25..+70 °C
- Vibration protection
- Color coding acc. to industry standards

Characteristic

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 behavior, and limited oil and chemical resistance. The shielding increases the shear strength, and this also improves the protection from external radiation interference.

Specifications

Connector	connection M12x1
Grip body	plastic, PVC
Union nut	stainless steel 1.4404
Contact block/ cable	plastic PVC gray
Contacts	metal, CuZn, gold-plated
Seal	plastic, FPM, FKM
Current carrying capacity	4 A
Rated voltage	max. 250 V
Insulation resis- tance	≥ 10 ⁹ MΩ
Degree of contami- nation	3/2, acc. to DIN VDE 0110
Ambient tempera- ture	-25..+70 °C
Protection class	IP 67 / IP 69K (only when screwed together)
Mechanical work- ing life	min. 100 mating cycles

Cable colors:

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

Product key

KH - -

1. Cable material	PV	PVC
2. Cable length	002	2 meter
	005	5 meter
	010	10 meter
3. Shielding	1	shielding (not applied to union nut)
4. Number of poles	04	4-pole
	05	5-pole
5. Connector output	G	straight
	W	angled 90 °
6. Option	00	none

Note:

Hygienic connection cables of series ACH for all temperature probes and clamp-on sensors of series GTL can be found in product information GHMadapt / Accessories.