KF CONTROLS

KINGFISHER CONTROLS

Making Better Sense For You

Cables CE RoHS 2016

Quick Connect Cables



INDUCTIVE
METAL FACE
HIGH/LOW TEMPERATURE
PHOTOELECTRIC
ULTRASONIC
ADAPTIVE
CAPACITIVE
QUICK CONNECT CABLES
CUSTOMIZATION

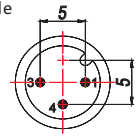
WWW.KFCONTROL.COM

Connector & Cable

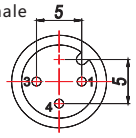
M12 Right Angle

3 Pins

Male



Female

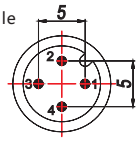




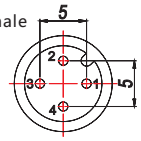


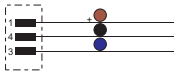
4 Pins

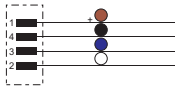
Male



Female







Type	3pin		4pin	
Male Right angle	2m	5m	2m	5m
PVC	EAM3-NZV012	EAM3-NZV015	EAM4-NZV012	EAM4-NZV015
PUR	EAM3-NZU012	EAM3-NZU015	EAM4-NZU012	EAM4-NZU015
Female Right angle				
PVC	EAF3-NZV012	EAF3-NZV015	EAF4-NZV012	EAF4-NZV015
PUR	EAF3-NZU012	EAF3-NZU015	EAF4-NZU012	EAF4-NZU015

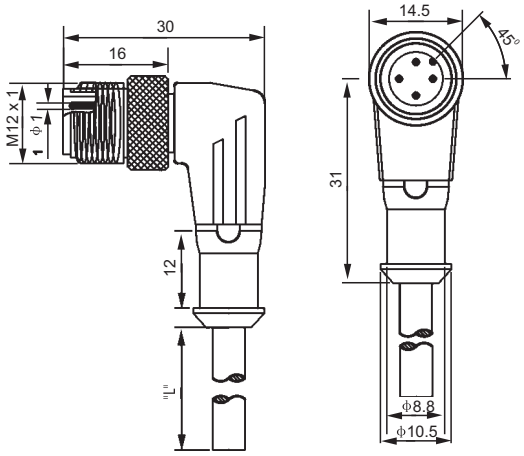
Specifications

Application Class:	HNA acc. to DIN 40040
	(-25 ℃ +90 ℃ / ⩽100%rF)
Moulded Body:	TPU, self-extinguishing
Nominal Power:	4A
Nominal Voltage:	3+4poles, 250VAC/300VDC
	5poles, 30VAC/36VDC
Contact:	CuZn, pre-nickeled and
	0.8 microns gold-plated

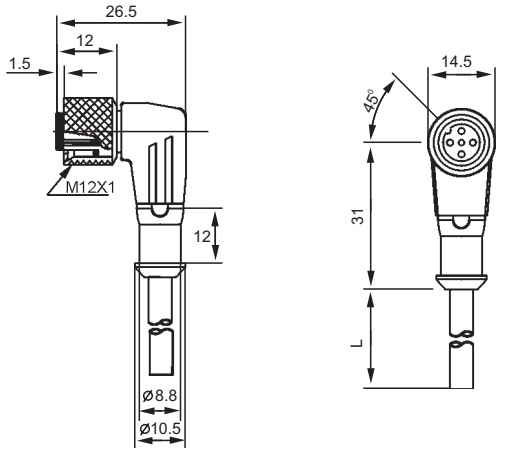
Body :	TPU, self-extinguishing
Securing Safety Nut:	Nickel plated brass
Protection:	IP 68
Insulation Resistance:	C acc.to VDE 0110
Test Voltage:	3+4poles, 2.0 KV eff./60s.
	5poles, 1.5 KV eff./60s.
Insulation Resistance:	> 10^{9} Ω
CSA certified:	

Size

M12 Male Right Angle



M12 Female Right angle

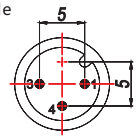


Connector & Cable

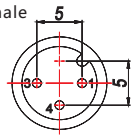
M12 Straight

3 Pins

Male

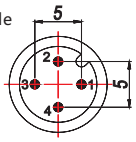


Female

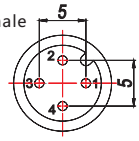


4 Pins

Male



Female







Type	3pin		4pin	
Male Straight	2m	5m	2m	5m
PVC	ESM3-NZV012	ESM3-NZV015	ESM4-NZV012	ESM4-NZV015
PUR	ESM3-NZU012	ESM3-NZV015	ESM4-NZU012	ESM4-NZU015
Female Straight				
PVC	ESF3-NZV012	ESF3-NZV015	ESF4-NZV012	ESF4-NZV015
PUR	ESF3-NZU012	ESF3-NZU015	ESF4-NZU012	ESF4-NZU015

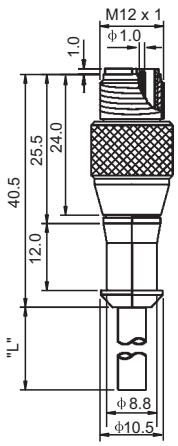
Specifications

Application Class:	HNA acc. to DIN 40040
	(-25 ℃ +90 ℃ / ≤100%rF)
Moulded Body:	TPU, self-extinguishing
Nominal Power:	4A
Nominal Voltage:	3+4poles, 250VAC/300VDC
	5poles, 30VAC/36VDC
Contact:	CuZn, pre-nickeled and
	0.8 microns gold-plated

Body :	TPU, self-extinguishing
Securing Safety Nut:	Nickel plated brass
Protection:	IP 68
Insulation Resistance:	C acc.to VDE 0110
Test Voltage:	3+4poles, 2.0 KV eff./60s.
	5poles, 1.5 KV eff./60s.
Insulation Resistance:	> 10^{9} Ω
CSA certified:	

Size

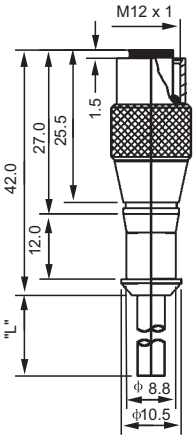
M12 Male Straight

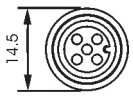




* Diameter of 8 pins : Φ0.8mm

M12 Female Straight

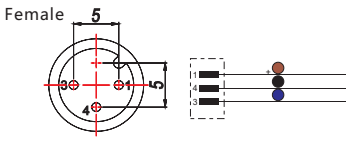




Connector & Cable: Lighted

M12 Lighted Right Angle and Straight

3 Pins

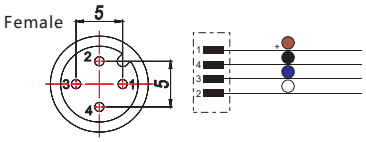




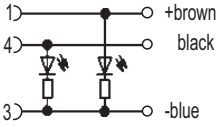


PNP NPN

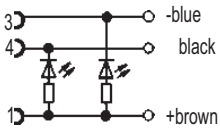
4 Pins



pnp-normally open
=yellow-green



npn-normally open
=yellow-green



Type	3pin		4pin/3-WIRE	
Female Straight	2m	5m	2m	5m
PVC PNP	ESF3-NPV012	ESF3-NPV015	ESF4/3-NPV012	ESF4/3-NPV015
PUR PNP	ESF3-NPU012	ESF3-NPU015	ESF4/3-NPU012	ESF4/3-NPU015
PVC NPN	ESF3-NNV012	ESF3-NNV015	ESF4/3-NNV012	ESF4/3-NNV015
PUR NPN	ESF3-NNU012	ESF3-NNU015	ESF4/3-NNU012	ESF4/3-NNU015
Female Right angle				
PVC PNP	EAF3-NPV012	EAF3-NPV015	EAF4/3-NPV012	EAF4/3-NPV015
PUR PNP	EAF3-NPU012	EAF3-NPV015	EAF4/3-NPU012	EAF4/3-NPU015
PVC NPN	EAF3-NNV012	EAF3-NNV015	EAF4/3-NNV012	EAF4/3-NNV015
PUR NPN	EAF3-NNU012	EAF3-NNV015	EAF4/3-NNU012	EAF4/3-NNU015

Specifications

Application Class: HNA acc. to DIN 40040
(-25 ℃/+90 ℃/ ⩽ 100%rF)

Moulded Body: TPU, self-extinguishing

Nominal Power: 4A(CSA=3A)

Nominal Voltage: 10-30VDC

Contact: CuSn, brass, pre-nickeled and 0.3 microns gold-plated

0-Ring: Viton

Body: TPU,self-extinguishing

Securing Safety Nut: Nickel plated brass

Protection: IP 68

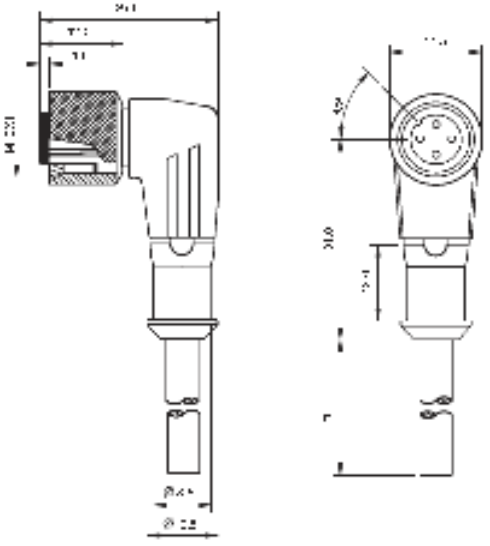
Insulation Group: C acc.to VDE 0110

Contact Resistance: ⩽ 5m Ω

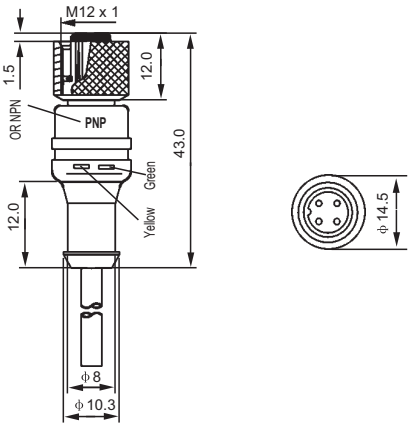
Insulation Resistance: $>10^9$ Ω

Size

M12 Female Right Angle



M12 Female Straight

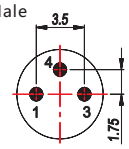


Connector & Cable

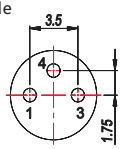
M8 Straight

4 Pins

Male



Female

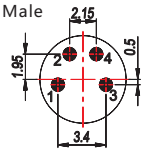




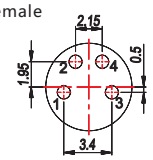


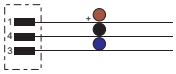
4 Pins

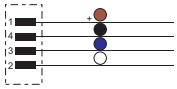
Male



Female







Type	3pin		4pin	
Male	2m	5m	2m	5m
PVC	PSM3-NZV012	PSM3-NZV015	PSM4-NZV012	PSM4-NZV015
PUR	PSM3-NZU012	PSM3-NZU015	PSM4-NZU012	PSM4-NZU015
Female	2m	5m	2m	5m
PVC	PSF3-NZV012	PSF3-NZV015	PSF4-NZV012	PSF4-NZV015
PUR	PSF3-NZU012	PSF3-NZU015	PSF4-NZU012	PSF4-NZU015

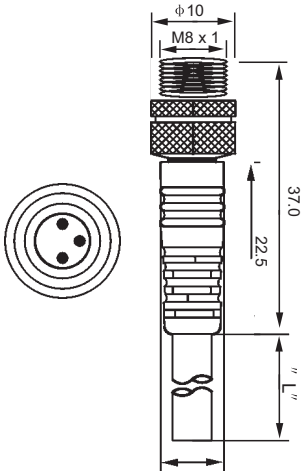
Specifications

Application Class: HNE acc.to DIN 40040 (-25 ℃ /+90 ℃ / ≤ 75%rF)
Moulded Body: TPU, self-extinguishing
Nominal Power: 4A
Nominal Voltage: 60VAC/75VDC
Contact: CuZn, pre-nickeled and 0.8microns gold-plated
O-Ring: Viton

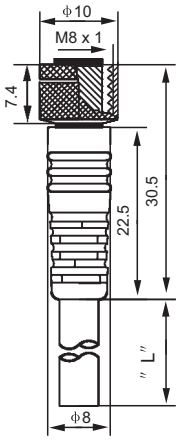
Body: TPU,self-extinguishing
Securing Safety Nut: Nickel plated brass
Protection: IP 67
Contact Resistance: ≤ 5m Ω
Insulation Group: C acc.to VDE 0110
Test Voltage: 1.5 KV eff./ 60 s.
Insulation Resistance: $>10^9\Omega$
CSA certified:

Size

M8 Male Straight



M8 Female Straight

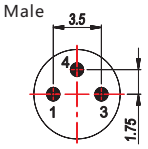


Connector & Cable

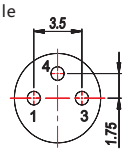
M8 Right Angle

4 Pins

Male



Female

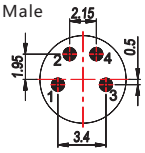




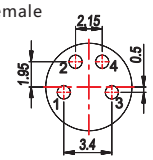


4 Pins

Male



Female



Type	3pin		4pin	
Male	2m	5m	2m	5m
PVC	PAM3-NZV012	PAM3-NZV015	PAM4-NZV012	PAM4-NZV015
PUR	PAM3-NZU012	PAM3-NZU015	PAM4-NZU012	PAM4-NZU015
Female	2m	5m	2m	5m
PVC	PAF3-NZV012	PAF3-NZV015	PAF4-NZV012	PAF4-NZV015
PUR	PAF3-NZU012	PAF3-NZU015	PAF4-NZU012	PAF4-NZU015

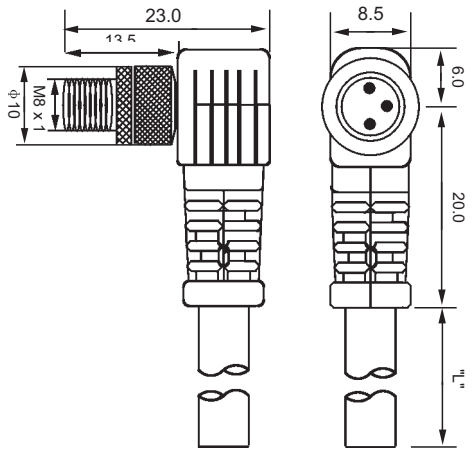
Specifications

Application Class: HNE acc.to DIN 40040 (-25 ℃ /+90 ℃ / ≤ 75%rF)
Moulded Body: TPU, self-extinguishing
Nominal Power: 4A
Nominal Voltage: 60VAC/75VDC
Contact: CuZn, pre-nickeled and 0.8microns gold-plated
O-Ring: Viton

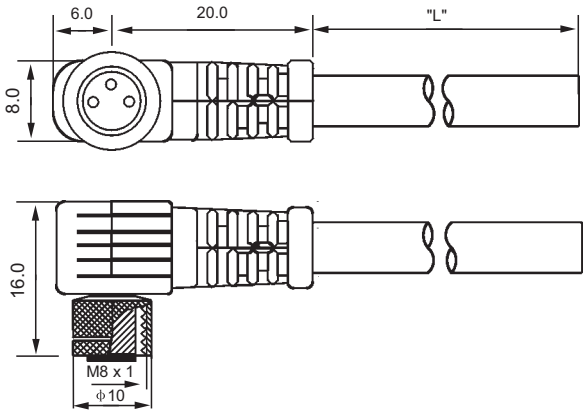
Body: TPU,self-extinguishing
Securing Safety Nut: Nickel plated brass
Protection: IP 67
Contact Resistance: ≤ 5m Ω
Insulation Group: C acc.to VDE 0110
Test Voltage: 1.5 KV eff./ 60 s.
Insulation Resistance: $>10^9\Omega$
CSA certified:

Size

M8 Male Right angle



M8 Female Right angle

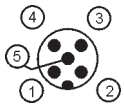


Connector & Cable

M12 5 and 8 Pin Right Angle

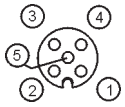
5 Pins

Male



Face View

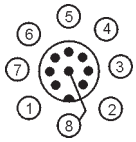
Female



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

8 Pins

Male



Female



1=white
2=brown
3=green
4=yellow
5=grey
6=pink
7=blue
8=red





Type	5pin		8pin	
Male Right Angle	2m	5m	2m	5m
PVC	EAM5-NZV022	EAM5-NZV025	EAM8-NZV022	EAM8-NZV025
PUR	EAM5-NZU022	EAM5-NZV025	EAM8-NZU022	EAM8-NZU025
Female Right Angle				
PVC	EAF5-NZV022	EAF5-NZV025	EAF8-NZV022	EAF8-NZV025
PUR	EAF5-NZU022	EAF5-NZU025	EAF8-NZU022	EAF8-NZU025

For Different Lengths of Cable use last digit to specify X meters (2,3,5,10,15): EAF5-NZU02**X**

Specifications

Application Class: HNA acc. to DIN 40040
(-25℃ / +90 ℃ / ≤ 100%rF)

Moulded Body: TPU, self-extinguishing

Nominal Power: 8 poles=1.5A, 5 poles 4A

Nominal Voltage: 3+4poles, 250VAC/300VDC
5+8poles, 30VAC/36VDC

Contact: CuZn, pre-nickeled and
0.8 microns gold-plated

Body: TPU,self-extinguishing

Securing Safety Nut: Nickel plated brass

Protection: IP 68

Insulation Group: C acc.to VDE 0110

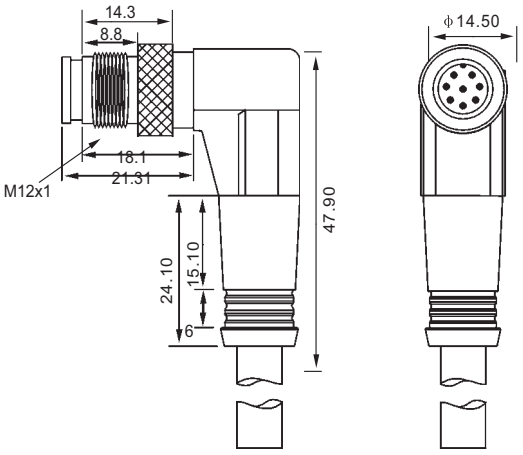
Test Voltage: 3+4poles, 2.0 KV eff./60s.
5+8poles, 1.5 KV eff./60s.

Insulation Resistance: $>10^9\Omega$

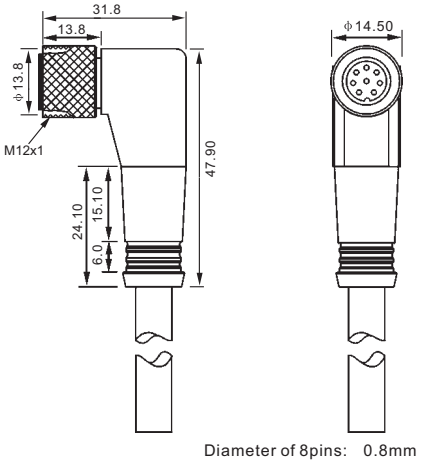
CSA certified:

Size

M12 Male RA



M12 Female RA



Diameter of 8pins: 0.8mm

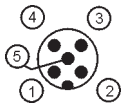
Guage	Stranding	ϕ mm	Material
0.50mm²	65 x ϕ0.10	7.2	PVC/PUR

Connector & Cable

M12 5 and 8 Pin Straight

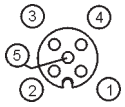
5 Pins

Male



Face View

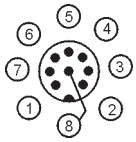
Female



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

8 Pins

Male



Female



1=white
2=brown
3=green
4=yellow
5=grey
6=pink
7=blue
8=red



Type	5pin		8pin	
Male Straight	2m	5m	2m	5m
PVC	ESM5-NZV022	ESM5-NZV025	ESM8-NZV022	ESM8-NZV025
PUR	ESM5-NZU022	ESM5-NZV025	ESM8-NZU022	ESM8-NZU025
Female Straight				
PVC	ESF5-NZV022	ESF5-NZV025	ESF8-NZV022	ESF8-NZV025
PUR	ESF5-NZU022	ESF5-NZU025	ESF8-NZU022	ESF8-NZU025

For Different Lengths of Cable use last digit to specify X meters (2,3,5,10,15): ESF5-NZU02**X**

Specifications

Application Class: HNA acc. to DIN 40040
(-25℃ / +90 ℃ / ≤ 100%rF)

Moulded Body: TPU, self-extinguishing

Nominal Power: 8 poles=1.5A, 5 poles 4A

Nominal Voltage: 3+4poles, 250VAC/300VDC
5+8poles, 30VAC/36VDC

Contact: CuZn, pre-nickeled and
0.8 microns gold-plated

Body: TPU,self-extinguishing

Securing Safety Nut: Nickel plated brass

Protection: IP 68

Insulation Group: C acc.to VDE 0110

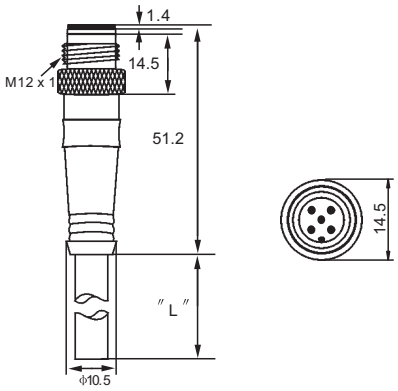
Test Voltage: 3+4poles, 2.0 KV eff./60s.
5+8poles, 1.5 KV eff./60s.

Insulation Resistance: $>10^9\Omega$

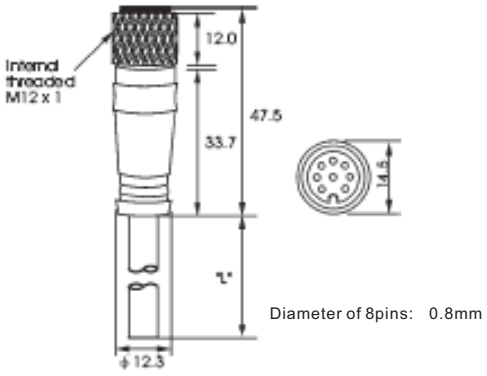
CSA certified:

Size

M12 Male Straight



M12 Female Straight



Diameter of 8pins: 0.8mm

Guage	Stranding	Φ mm	Material
0.50mm^2	65 x Φ0.10	7.2	PVC/PUR