

CABLES & CONNECTORS



HIGHLIGHTS:

- ✓ Impervious and cleaning resistant connection cables & cable connectors (IP 67, IP 68 & IP 69K)
- ✓ Food-safe connection cables & cable connectors with V4A connectors (ECOLAB certified)
- ✓ Quick-lock connection cables & cable connectors
- ✓ Distribution boxes with 3-pole M8 & 5-pole M12 connections

Inductive

Photoelectric

Optical fibers

Ultrasonic

Capacitive

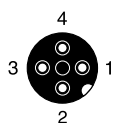
Cables & connectors

Accessories

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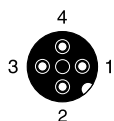
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QUICK-LOCK CONNECTION CABLES & CABLE CONNECTORS



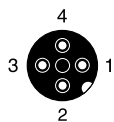
M12 4-pole

SOCKET			CABLE	LENGTH	DEGREE OF PROTECTION	PART REFERENCE	TYPE
M12	straight	4-pole	PVC	2 m	IP 67	S12-4FVG-020-NNNQ	M
M12	straight	4-pole	PVC	5 m	IP 67	S12-4FVG-050-NNNQ	M
M12	straight	4-pole	PVC	10 m	IP 67	S12-4FVG-100-NNNQ	M
M12	straight	4-pole	PUR	2 m	IP 67	S12-4FUG-020-NNNQ	M
M12	straight	4-pole	PUR	5 m	IP 67	S12-4FUG-050-NNNQ	M
M12	straight	4-pole	PUR	10 m	IP 67	S12-4FUG-100-NNNQ	M



M12 4-pole

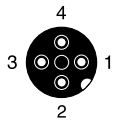
SOCKET			CABLE	LENGTH	DEGREE OF PROTECTION	REFERENCE	TYPE
M12	right angle	4-pole	PVC	2 m	IP 67	S12-4FVW-020-NNNQ	N
M12	right angle	4-pole	PVC	5 m	IP 67	S12-4FVW-050-NNNQ	N
M12	right angle	4-pole	PVC	10 m	IP 67	S12-4FVW-100-NNNQ	N
M12	right angle	4-pole	PUR	2 m	IP 67	S12-4FUW-020-NNNQ	N
M12	right angle	4-pole	PUR	5 m	IP 67	S12-4FUW-050-NNNQ	N
M12	right angle	4-pole	PUR	10 m	IP 67	S12-4FUW-100-NNNQ	N



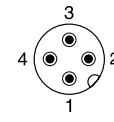
M12 4-pole

SOCKET			CABLE	LENGTH	DEGREE OF PROTECTION	REFERENCE	TYPE
M12	right angle	4-pole	LED*	PVC	2 m	S12-4FVW-020-YNNQ	N
M12	right angle	4-pole	LED*	PVC	5 m	S12-4FVW-050-YNNQ	N
M12	right angle	4-pole	LED*	PVC	10 m	S12-4FVW-100-YNNQ	N
M12	right angle	4-pole	LED*	PUR	2 m	S12-4FUW-020-YNNQ	N
M12	right angle	4-pole	LED*	PUR	5 m	S12-4FUW-050-YNNQ	N
M12	right angle	4-pole	LED*	PUR	10 m	S12-4FUW-100-YNNQ	N

* PNP only

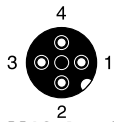


M12 4-pole

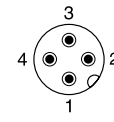


M12 4-pole

SOCKET			CABLE	LENGTH	PLUG			DEGREE OF PROTECTION	REFERENCE
M12	straight	4-pole	PVC	0.3 m	M12	straight	4-pole	IP 67	S12-4FVG-003-NNNQ-12MG
M12	straight	4-pole	PVC	0.6 m	M12	straight	4-pole	IP 67	S12-4FVG-006-NNNQ-12MG
M12	straight	4-pole	PVC	1 m	M12	straight	4-pole	IP 67	S12-4FVG-010-NNNQ-12MG
M12	straight	4-pole	PVC	1.5 m	M12	straight	4-pole	IP 67	S12-4FVG-015-NNNQ-12MG
M12	straight	4-pole	PVC	2 m	M12	straight	4-pole	IP 67	S12-4FVG-020-NNNQ-12MG
M12	straight	4-pole	PUR	0.3 m	M12	straight	4-pole	IP 67	S12-4FUG-003-NNNQ-12MG
M12	straight	4-pole	PUR	0.6 m	M12	straight	4-pole	IP 67	S12-4FUG-006-NNNQ-12MG
M12	straight	4-pole	PUR	1 m	M12	straight	4-pole	IP 67	S12-4FUG-010-NNNQ-12MG
M12	straight	4-pole	PUR	1.5 m	M12	straight	4-pole	IP 67	S12-4FUG-015-NNNQ-12MG
M12	straight	4-pole	PUR	2 m	M12	straight	4-pole	IP 67	S12-4FUG-020-NNNQ-12MG

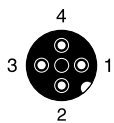


M12 4-pole

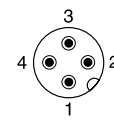


M12 4-pole

SOCKET			CABLE	LENGTH	PLUG			DEGREE OF PROTECTION	REFERENCE
M12	right angle	4-pole	PVC	0.3 m	M12	straight	4-pole	IP 67	S12-4FVW-003-NNNQ-12MG
M12	right angle	4-pole	PVC	0.6 m	M12	straight	4-pole	IP 67	S12-4FVW-006-NNNQ-12MG
M12	right angle	4-pole	PVC	1 m	M12	straight	4-pole	IP 67	S12-4FVW-010-NNNQ-12MG
M12	right angle	4-pole	PVC	1.5 m	M12	straight	4-pole	IP 67	S12-4FVW-015-NNNQ-12MG
M12	right angle	4-pole	PVC	2 m	M12	straight	4-pole	IP 67	S12-4FVW-020-NNNQ-12MG
M12	right angle	4-pole	PUR	0.3 m	M12	straight	4-pole	IP 67	S12-4FUW-003-NNNQ-12MG
M12	right angle	4-pole	PUR	0.6 m	M12	straight	4-pole	IP 67	S12-4FUW-006-NNNQ-12MG
M12	right angle	4-pole	PUR	1 m	M12	straight	4-pole	IP 67	S12-4FUW-010-NNNQ-12MG
M12	right angle	4-pole	PUR	1.5 m	M12	straight	4-pole	IP 67	S12-4FUW-015-NNNQ-12MG
M12	right angle	4-pole	PUR	2 m	M12	straight	4-pole	IP 67	S12-4FUW-020-NNNQ-12MG



M12 4-pole



M12 4-pole

SOCKET			CABLE	LENGTH	PLUG			DEGREE OF PROTECTION	REFERENCE	
M12	right angle	4-pole	LED*	PVC	0.3 m	M12	straight	4-pole	IP 67	S12-4FVW-003-YNNQ-12MG
M12	right angle	4-pole	LED*	PVC	0.6 m	M12	straight	4-pole	IP 67	S12-4FVW-006-YNNQ-12MG
M12	right angle	4-pole	LED*	PVC	1 m	M12	straight	4-pole	IP 67	S12-4FVW-010-YNNQ-12MG
M12	right angle	4-pole	LED*	PVC	1.5 m	M12	straight	4-pole	IP 67	S12-4FVW-015-YNNQ-12MG
M12	right angle	4-pole	LED*	PVC	2 m	M12	straight	4-pole	IP 67	S12-4FVW-020-YNNQ-12MG
M12	right angle	4-pole	LED*	PUR	0.3 m	M12	straight	4-pole	IP 67	S12-4FUW-003-YNNQ-12MG
M12	right angle	4-pole	LED*	PUR	0.6 m	M12	straight	4-pole	IP 67	S12-4FUW-006-YNNQ-12MG
M12	right angle	4-pole	LED*	PUR	1 m	M12	straight	4-pole	IP 67	S12-4FUW-010-YNNQ-12MG
M12	right angle	4-pole	LED*	PUR	1.5 m	M12	straight	4-pole	IP 67	S12-4FUW-015-YNNQ-12MG
M12	right angle	4-pole	LED*	PUR	2 m	M12	straight	4-pole	IP 67	S12-4FUW-020-YNNQ-12MG

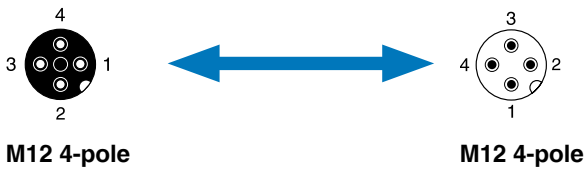
* PNP only

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CABLE CONNECTORS



SOCKET			CABLE	LENGTH	PLUG			DEGREE OF PROTECTION	REFERENCE
M8	straight	3-pole	PVC	0.6 m	M8	straight	3-pole	IP 67 & IP 69K	S08-3FVG-006-08MG
M8	straight	3-pole	PVC	2 m	M8	straight	3-pole	IP 67 & IP 69K	S08-3FVG-020-08MG
M8	straight	3-pole	PVC	5 m	M8	straight	3-pole	IP 67 & IP 69K	S08-3FVG-050-08MG
M8	straight	3-pole	PUR	0.6 m	M8	straight	3-pole	IP67, IP68 & IP69K	S08-3FUG-006-08MG
M8	straight	3-pole	PUR	2 m	M8	straight	3-pole	IP67, IP68 & IP69K	S08-3FUG-020-08MG
M8	straight	3-pole	PUR	5 m	M8	straight	3-pole	IP67, IP68 & IP69K	S08-3FUG-050-08MG



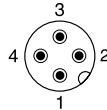
SOCKET			CABLE	LENGTH	PLUG			DEGREE OF PROTECTION	REFERENCE
M12	straight	4-pole	PVC	0.6 m	M12	straight	4-pole	IP 67 & IP 69K	S12-4FVG-006-12MG
M12	straight	4-pole	PVC	2 m	M12	straight	4-pole	IP 67 & IP 69K	S12-4FVG-020-12MG
M12	straight	4-pole	PVC	5 m	M12	straight	4-pole	IP 67 & IP 69K	S12-4FVG-050-12MG
M12	straight	4-pole	PUR	0.6 m	M12	straight	4-pole	IP67, IP68 & IP69K	S12-4FUG-006-12MG
M12	straight	4-pole	PUR	2 m	M12	straight	4-pole	IP67, IP68 & IP69K	S12-4FUG-020-12MG
M12	straight	4-pole	PUR	5 m	M12	straight	4-pole	IP67, IP68 & IP69K	S12-4FUG-050-12MG



SOCKET			CABLE	LENGTH	PLUG			DEGREE OF PROTECTION	REFERENCE
M8	straight	3-pole	PVC	0.6 m	M12	straight	3-pole	IP 67 & IP 69K	S08-3FVG-006-12MG
M8	straight	3-pole	PVC	2 m	M12	straight	3-pole	IP 67 & IP 69K	S08-3FVG-020-12MG
M8	straight	3-pole	PVC	5 m	M12	straight	3-pole	IP 67 & IP 69K	S08-3FVG-050-12MG
M8	straight	3-pole	PUR	0.6 m	M12	straight	3-pole	IP67, IP68 & IP69K	S08-3FUG-006-12MG
M8	straight	3-pole	PUR	2 m	M12	straight	3-pole	IP67, IP68 & IP69K	S08-3FUG-020-12MG
M8	straight	3-pole	PUR	5 m	M12	straight	3-pole	IP67, IP68 & IP69K	S08-3FUG-050-12MG



M8 4-pole



M12 4-pole

SOCKET			CABLE	LENGTH	PLUG			DEGREE OF PROTECTION	REFERENCE
M8	straight	4-pole	PVC	0.6 m	M12	straight	4-pole	IP 67 & IP 69K	S08-4FVG-006-12MG
M8	straight	4-pole	PVC	2 m	M12	straight	4-pole	IP 67 & IP 69K	S08-4FVG-020-12MG
M8	straight	4-pole	PVC	5 m	M12	straight	4-pole	IP 67 & IP 69K	S08-4FVG-050-12MG
M8	straight	4-pole	PUR	0.6 m	M12	straight	4-pole	IP67, IP68 & IP69K	S08-4FUG-006-12MG
M8	straight	4-pole	PUR	2 m	M12	straight	4-pole	IP67, IP68 & IP69K	S08-4FUG-020-12MG
M8	straight	4-pole	PUR	5 m	M12	straight	4-pole	IP67, IP68 & IP69K	S08-4FUG-050-12MG

Inductive

Photoelectric

Optical fibers

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Capacitive

Cables & connectors

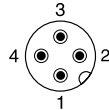
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M8 4-pole



M12 4-pole

SOCKET			CABLE	LENGTH	PLUG			DEGREE OF PROTECTION	REFERENCE
M8	straight	4-pole	PVC	0.6 m	M12	straight	4-pole	IP67, IP68 & IP69K	S08-4FVG-006-NNLN-12MG
M8	straight	4-pole	PVC	2 m	M12	straight	4-pole	IP67, IP68 & IP69K	S08-4FVG-020-NNLN-12MG
M8	straight	4-pole	PVC	5 m	M12	straight	4-pole	IP67, IP68 & IP69K	S08-4FVG-050-NNLN-12MG

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CONNECTION CABLES

SOCKET			CABLE	LENGTH	DEGREE OF PROTECTION	REFERENCE	TYPE
M8	straight	3-pole	PVC	2 m	IP 67 & IP 69K	S08-3FVG-020	A
M8	straight	3-pole	PVC	5 m	IP 67 & IP 69K	S08-3FVG-050	A
M8	straight	3-pole	PVC	10 m	IP 67 & IP 69K	S08-3FVG-100	A
M8	straight	3-pole	PUR	2 m	IP 67, IP 68 & IP 69K	S08-3FUG-020	A
M8	straight	3-pole	PUR	5 m	IP 67, IP 68 & IP 69K	S08-3FUG-050	A
M8	straight	3-pole	PUR	10 m	IP 67, IP 68 & IP 69K	S08-3FUG-100	A
M8	right angle	3-pole	PVC	2 m	IP 67 & IP 69K	S08-3FVW-020	B
M8	right angle	3-pole	PVC	5 m	IP 67 & IP 69K	S08-3FVW-050	B
M8	right angle	3-pole	PVC	10 m	IP 67 & IP 69K	S08-3FVW-100	B
M8	right angle	3-pole	PUR	2 m	IP 67, IP 68 & IP 69K	S08-3FUW-020	B
M8	right angle	3-pole	PUR	5 m	IP 67, IP 68 & IP 69K	S08-3FUW-050	B
M8	right angle	3-pole	PUR	10 m	IP 67, IP 68 & IP 69K	S08-3FUW-100	B
M8	straight	4-pole	PVC	2 m	IP 67 & IP 69K	S08-4FVG-020	E
M8	straight	4-pole	PVC	5 m	IP 67 & IP 69K	S08-4FVG-050	E
M8	straight	4-pole	PVC	10 m	IP 67 & IP 69K	S08-4FVG-100	E
M8	straight	4-pole	PUR	2 m	IP 67, IP 68 & IP 69K	S08-4FUG-020	E
M8	straight	4-pole	PUR	5 m	IP 67, IP 68 & IP 69K	S08-4FUG-050	E
M8	straight	4-pole	PUR	10 m	IP 67, IP 68 & IP 69K	S08-4FUG-100	E
M8	right angle	4-pole	PVC	2 m	IP 67 & IP 69K	S08-4FVW-020	F
M8	right angle	4-pole	PVC	5 m	IP 67 & IP 69K	S08-4FVW-050	F
M8	right angle	4-pole	PVC	10 m	IP 67 & IP 69K	S08-4FVW-100	F
M8	right angle	4-pole	PUR	2 m	IP 67, IP 68 & IP 69K	S08-4FUW-020	F
M8	right angle	4-pole	PUR	5 m	IP 67, IP 68 & IP 69K	S08-4FUW-050	F
M8	right angle	4-pole	PUR	10 m	IP 67, IP 68 & IP 69K	S08-4FUW-100	F
M12	straight	3-pole*	PVC	2 m	IP 67 & IP 69K	S12-3FVG-020	G
M12	straight	3-pole*	PUR	2 m	IP 67, IP 68 & IP 69K	S12-3FUG-020	G
M12	right angle	3-pole*	PVC	2 m	IP 67 & IP 69K	S12-3FVW-020	H
M12	right angle	3-pole*	PUR	2 m	IP 67, IP 68 & IP 69K	S12-3FUW-020	H
M12	straight	4-pole	PVC	2 m	IP 67 & IP 69K	S12-4FVG-020	M
M12	straight	4-pole	PVC	5 m	IP 67 & IP 69K	S12-4FVG-050	M
M12	straight	4-pole	PVC	10 m	IP 67 & IP 69K	S12-4FVG-100	M
M12	straight	4-pole	PUR	2 m	IP 67, IP 68 & IP 69K	S12-4FUG-020	M
M12	straight	4-pole	PUR	5 m	IP 67, IP 68 & IP 69K	S12-4FUG-050	M
M12	straight	4-pole	PUR	10 m	IP 67, IP 68 & IP 69K	S12-4FUG-100	M
M12	right angle	4-pole	PVC	2 m	IP 67 & IP 69K	S12-4FVW-020	N
M12	right angle	4-pole	PVC	5 m	IP 67 & IP 69K	S12-4FVW-050	N
M12	right angle	4-pole	PVC	10 m	IP 67 & IP 69K	S12-4FVW-100	N
M12	right angle	4-pole	PUR	2 m	IP 67, IP 68 & IP 69K	S12-4FUW-020	N
M12	right angle	4-pole	PUR	5 m	IP 67, IP 68 & IP 69K	S12-4FUW-050	N
M12	right angle	4-pole	PUR	10 m	IP 67, IP 68 & IP 69K	S12-4FUW-100	N
M12	straight	5-pole	PVC	2 m	IP 67 & IP 69K	S12-5FVG-020	O
M12	straight	5-pole	PVC	10 m	IP 67 & IP 69K	S12-5FVG-100	O
M12	right angle	5-pole	PVC	2 m	IP 67 & IP 69K	S12-5FVW-020	P
M12	right angle	5-pole	PVC	10 m	IP 67 & IP 69K	S12-5FVW-100	P
1/2"	straight	3-pole	PUR	2 m	IP 67, IP 68 & IP 69K	S13-3FUG-020	Q
1/2"	right angle	3-pole	PUR	2 m	IP 67, IP 68 & IP 69K	S13-3FUW-020	R

Bold: preferred types * N.O.

CONNECTION CABLES WITH V4A (AISI 316L / DIN 1.4404) CONNECTORS FOR FOOD INDUSTRY



SOCKET			CABLE	LENGTH	DEGREE OF PROTECTION	REFERENCE	TYPE
M8	straight	3-pole	PVC	2 m	IP 67, IP 68 & IP 69K	S08-3FVG-020-NNLN	S
M8	straight	3-pole	PVC	10 m	IP 67, IP 68 & IP 69K	S08-3FVG-100-NNLN	S
M8	right angle	3-pole	PVC	2 m	IP 67, IP 68 & IP 69K	S08-3FVW-020-NNLN	S
M8	right angle	3-pole	PVC	10 m	IP 67, IP 68 & IP 69K	S08-3FVW-100-NNLN	S
M8	straight	4-pole	PVC	2 m	IP 67, IP 68 & IP 69K	S08-4FVG-020-NNLN	T
M8	straight	4-pole	PVC	10 m	IP 67, IP 68 & IP 69K	S08-4FVG-100-NNLN	T
M8	right angle	4-pole	PVC	2 m	IP 67, IP 68 & IP 69K	S08-4FVW-020-NNLN	T
M8	right angle	4-pole	PVC	10 m	IP 67, IP 68 & IP 69K	S08-4FVW-100-NNLN	T
M12	straight	4-pole	PVC	2 m	IP 67, IP 68 & IP 69K	S12-4FVG-020-NNLN	U
M12	straight	4-pole	PVC	10 m	IP 67, IP 68 & IP 69K	S12-4FVG-100-NNLN	U
M12	right angle	4-pole	PVC	2 m	IP 67, IP 68 & IP 69K	S12-4FVW-020-NNLN	U
M12	right angle	4-pole	PVC	10 m	IP 67, IP 68 & IP 69K	S12-4FVW-100-NNLN	U
M12	straight	5-pole	PVC	2 m	IP 67, IP 68 & IP 69K	S12-5FVG-020-NNLN	V
M12	straight	5-pole	PVC	10 m	IP 67, IP 68 & IP 69K	S12-5FVG-100-NNLN	V

Bold: preferred types

FIELD-ATTACHABLE CONNECTORS

SOCKET			CABLE	REFERENCE	FOR CABLES WITH WIRE CROSS-SECTION
M8	straight	3-pole	-	S08-3FNG-000-NNT2	0.14 ... 0.34 mm ² / AWG 22 ... 26
M8	right angle	3-pole	-	S08-3FNW-000-NNT2	0.14 ... 0.34 mm ² / AWG 22 ... 26
M8	straight	4-pole	-	S08-4FNG-000-NNT2	0.14 ... 0.34 mm ² / AWG 22 ... 26
M8	right angle	4-pole	-	S08-4FNW-000-NNT2	0.14 ... 0.34 mm ² / AWG 22 ... 26
M12	straight	4-pole	-	S12-4FNG-000-NNT2	0.14 ... 0.34 mm ² / AWG 22 ... 26
M12	right angle	4-pole	-	S12-4FNW-000-NNT2	0.14 ... 0.34 mm ² / AWG 22 ... 26
M12	straight	5-pole	-	S12-5FNG-000-NNT2	0.14 ... 0.34 mm ² / AWG 22 ... 26
M12	right angle	5-pole	-	S12-5FNW-000-NNT2	0.14 ... 0.34 mm ² / AWG 22 ... 26

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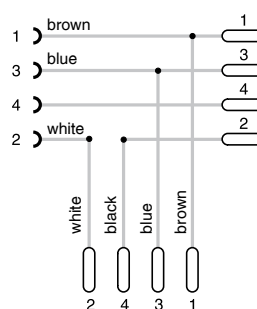
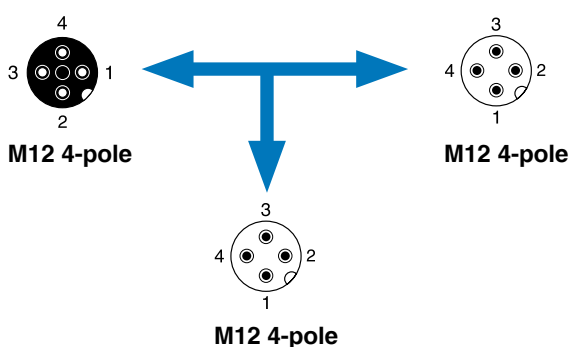
DISTRIBUTION BOXES

SOCKET		NUMBER OF CONNECTIONS	CONNECTION	REFERENCE
M8	3-pole	4	Cable 5 m	V08-34PD-050-UYN
M8	3-pole	4	Cable 10 m	V08-34PD-100-UYN
M8	3-pole	8	Cable 5 m	V08-38PD-050-UYN
M8	3-pole	8	Cable 10 m	V08-38PD-100-UYN
M12	5-pole	4	Connector 11-pole	V12-54PG-000-NYN
M12	5-pole	4	Cable 5 m	V12-54PD-050-UYN
M12	5-pole	4	Cable 10 m	V12-54PD-100-UYN
M12	5-pole	8	Connector 19-pole	V12-58PG-000-NYN
M12	5-pole	8	Cable 5 m	V12-58PD-050-UYN
M12	5-pole	8	Cable 10 m	V12-58PD-100-UYN

CONNECTION CABLES FOR DISTRIBUTION BOXES

SOCKET			CABLE	LENGTH	REFERENCE
M23	straight	11-pole	PUR	5 m	S23-BFUG-050
M23	straight	11-pole	PUR	10 m	S23-BFUG-100
M23	straight	19-pole	PUR	5 m	S23-JFUG-050
M23	straight	19-pole	PUR	10 m	S23-JFUG-100

T CONNECTOR



SOCKET		PLUG		CABLE	LENGTH	PLUG		REFERENCE
M12	4-pole	M12	4-pole	PUR	0.3 m	M12	4-pole	V12-42PW-012-003-UNN

SENSOR CABLE SPECIFICATIONS

TYPE	SECTION	CONDUCTOR	SLEEVE MATERIAL	WIRE INSULATION
Type 1	0.055 mm ²	30 x 0.05 mm Ø	PUR	PVC
Type 2	0.14 mm ²	18 x 0.10 mm Ø	PVC	PVC
Type 3	0.14 mm ²	72 x 0.05 mm Ø	PUR	PVC
Type 4	0.25 mm ²	32 x 0.10 mm Ø	PVC	PVC
Type 5	0.25 mm ²	19 x 0.13 mm Ø	PUR	PVC
Type 6	0.25 mm ²	67 x 0.07 mm Ø	PUR	PVC
Type 7	0.25 mm ²	128 x 0.05 mm Ø	PUR	PVC
Type 8	0.34 mm ²	42 x 0.10 mm Ø	PVC	PVC
Type 9	0.25 mm ²	32 x 0.10 mm Ø	PUR	PVC
Type 10	0.34 mm ²	88 x 0.07 mm Ø	PUR	PVC
Type 11	0.34 mm ²	180 x 0.05 mm Ø	PUR	PVC
Type 12	0.25 mm ²	128 x 0.05 mm Ø	PVC	PVC
Type 13	0.34 mm ²	180 x 0.05 mm Ø	TPE-S	TPE-S
Type 14	0.34 mm ²	7 x 0.25 mm Ø	PVC	PVC
Type 15	0.50 mm ²	16 x 0.20 mm Ø	PUR	PP



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