


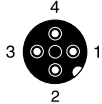

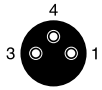

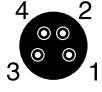

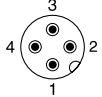
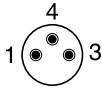
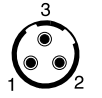




CONNECTIVITY

HIGHLIGHTS:

- ✓ Comprehensive cable and connector program
- ✓ IP 69K and Ecolab-tested cables for the food and beverage industry
- ✓ UL-approved cables and connectors
- ✓ Cables with straight or right-angle sockets
- ✓ Distribution boxes
- ✓ Field-attachable connectors
- ✓ T-connectors
- ✓ User-friendly standard portfolio

CABLES / CONNECTORS DESCRIPTION

SOCKET	TYPE	PIN ASSIGNMENT	TYPE
	M8 straight socket		M12 4-pole socket
	M12 straight socket		M8 3-pole socket
	M8 right angle socket		M8 4-pole socket
	M12 right angle socket		M12 4-pole plug
			M8 3-pole plug
			M12 3-pole dual key plug (S13)
PLUG	TYPE		
	M8 straight plug		
	M12 straight plug		



CONNECTING CABLES PVC WITH OPEN ENDED WIRES

PART REFERENCE	SOCKET			CABLE	
	Size	Pins	Config.	Material	Length
S08-3FVG-020	M8	3-pole	straight	PVC	2 m
S08-3FVG-050	M8	3-pole	straight	PVC	5 m
S08-3FVG-100	M8	3-pole	straight	PVC	10 m
S08-4FVG-020	M8	4-pole	straight	PVC	2 m
S08-4FVG-050	M8	4-pole	straight	PVC	5 m
S08-4FVG-100	M8	4-pole	straight	PVC	10 m
S08-3FVW-020	M8	3-pole	right angle	PVC	2 m
S08-3FVW-050	M8	3-pole	right angle	PVC	5 m
S08-3FVW-100	M8	3-pole	right angle	PVC	10 m
S08-4FVW-020	M8	4-pole	right angle	PVC	2 m
S08-4FVW-050	M8	4-pole	right angle	PVC	5 m
S08-4FVW-100	M8	4-pole	right angle	PVC	10 m
S12-3FVG-020	M12	3-pole	straight	PVC	2 m
S12-3FVG-050	M12	3-pole	straight	PVC	5 m
S12-3FVG-100	M12	3-pole	straight	PVC	10 m
S12-4FVG-020	M12	4-pole	straight	PVC	2 m
S12-4FVG-050	M12	4-pole	straight	PVC	5 m
S12-4FVG-100	M12	4-pole	straight	PVC	10 m
S12-5FVG-020	M12	5-pole	straight	PVC	2 m
S12-5FVG-100	M12	5-pole	straight	PVC	10 m
S12-3FVW-020	M12	3-pole	right angle	PVC	2 m
S12-3FVW-050	M12	3-pole	right angle	PVC	5 m
S12-3FVW-100	M12	3-pole	right angle	PVC	10 m
S12-4FVW-020	M12	4-pole	right angle	PVC	2 m
S12-4FVW-050	M12	4-pole	right angle	PVC	5 m
S12-4FVW-100	M12	4-pole	right angle	PVC	10 m

Inductive

Photoelectric

Ultrasonic

Capacitive

Safety

RFID

Connectivity

Accessories

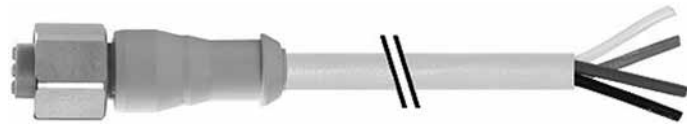
Glossary

Index



CONNECTING CABLES PUR WITH OPEN ENDED WIRES

PART REFERENCE	SOCKET			CABLE	
	Size	Pins	Config.	Material	Length
S08-3FUG-020	M8	3-pole	straight	PUR	2 m
S08-3FUG-050	M8	3-pole	straight	PUR	5 m
S08-3FUG-100	M8	3-pole	straight	PUR	10 m
S08-4FUG-020	M8	4-pole	straight	PUR	2 m
S08-4FUG-050	M8	4-pole	straight	PUR	5 m
S08-4FUG-100	M8	4-pole	straight	PUR	10 m
S08-3FUW-020	M8	3-pole	right angle	PUR	2 m
S08-3FUW-050	M8	3-pole	right angle	PUR	5 m
S08-3FUW-100	M8	3-pole	right angle	PUR	10 m
S08-4FUW-020	M8	4-pole	right angle	PUR	2 m
S08-4FUW-050	M8	4-pole	right angle	PUR	5 m
S08-4FUW-100	M8	4-pole	right angle	PUR	10 m
S12-3FUG-020	M12	3-pole	straight	PUR	2 m
S12-3FUG-050	M12	3-pole	straight	PUR	5 m
S12-3FUG-100	M12	3-pole	straight	PUR	10 m
S12-4FUG-020	M12	4-pole	straight	PUR	2 m
S12-4FUG-050	M12	4-pole	straight	PUR	5 m
S12-4FUG-100	M12	4-pole	straight	PUR	10 m
S12-3FUW-020	M12	3-pole	right angle	PUR	2 m
S12-3FUW-050	M12	3-pole	right angle	PUR	5 m
S12-3FUW-100	M12	3-pole	right angle	PUR	10 m
S12-4FUW-020	M12	4-pole	right angle	PUR	2 m
S12-4FUW-050	M12	4-pole	right angle	PUR	5 m
S12-4FUW-100	M12	4-pole	right angle	PUR	10 m



example

CONNECTING CABLES PVC/TPE WITH OPEN ENDED WIRES FOR FOOD APPLICATIONS IP 69K

PART REFERENCE	SOCKET			CABLE	
	Size	Pins	Config.	Material	Length
S08-3FVG-020-NNLN	M8	3	straight	PVC	2 m
S08-3FVW-020-NNLN	M8	3	right angle	PVC	2 m
S12-4FVG-020-NNLN	M12	4	straight	PVC	2 m
S12-4FVG-050-NNLN	M12	4	straight	PVC	5 m
S12-4FVG-100-NNLN	M12	4	straight	PVC	10 m
S12-4FVW-020-NNLN	M12	4	right angle	PVC	2 m
S12-4FVW-100-NNLN	M12	4	right angle	PVC	10 m
S12-4FAG-050-NNLN	M12	4	straight	TPE-S	5 m
S12-4FAG-100-NNLN	M12	4	straight	TPE-S	10 m
S12-4FAG-150-NNLN	M12	4	straight	TPE-S	15 m



S13

example

CONNECTING CABLES PUR WITH OPEN ENDED WIRES FOR AC SENSORS (230 V MAX)

PART REFERENCE	SOCKET			CABLE	
	Size	Pins	Config.	Material	Length
S13-3FUG-020	M12	3	straight	PUR	2 m
S13-3FUW-020	M12	3	right angle	PUR	2 m
S13-3FUG-050	M12	3	straight	PUR	5 m
S13-3FUW-050	M12	3	right angle	PUR	5 m



CONNECTING CABLES PVC

PART REFERENCE	SOCKET			CABLE		PLUG	
	Size	Pins	Config.	Material	Length	Size	Config.
S08-3FVG-006-08MG	M8	3	straight	PVC	0.6 m	M8	straight
S08-3FVG-020-08MG	M8	3	straight	PVC	2 m	M8	straight
S08-3FVG-050-08MG	M8	3	straight	PVC	5 m	M8	straight
S12-4FVG-006-12MG	M12	4	straight	PVC	0.6 m	M12	straight
S12-4FVG-020-12MG	M12	4	straight	PVC	2 m	M12	straight
S12-4FVG-050-12MG	M12	4	straight	PVC	5 m	M12	straight



CONNECTING CABLES PUR

PART REFERENCE	SOCKET			CABLE		PLUG	
	Size	Pins	Config.	Material	Length	Size	Config.
S08-3FUG-006-08MG	M8	3	straight	PUR	0.6 m	M8	straight
S08-3FUG-020-08MG	M8	3	straight	PUR	2 m	M8	straight
S08-3FUG-050-08MG	M8	3	straight	PUR	5 m	M8	straight
S12-4FUG-006-12MG	M12	4	straight	PUR	0.6 m	M12	straight
S12-4FUG-020-12MG	M12	4	straight	PUR	2 m	M12	straight
S12-4FUG-050-12MG	M12	4	straight	PUR	5 m	M12	straight



CONNECTING CABLES PVC FOR FOOD APPLICATIONS

PART REFERENCE	SOCKET			CABLE		PLUG	
	Size	Pins	Config.	Material	Length	Size	Config.
S12-4FVG-020-NNLN-12MG	M12	4	straight	PVC	2 m	M12	straight
S12-4FVG-050-NNLN-12MG	M12	4	straight	PVC	5 m	M12	straight
S12-4FAG-100-NNLN-12MG	M12	4	straight	TPE-S	10 m	M12	straight
S12-4FVG-100-NNLN-12MG	M12	4	straight	PVC	10 m	M12	straight



example

CONNECTING CABLES M8/M12

PART REFERENCE	SOCKET			CABLE		PLUG	
	Size	Pins	Config.	Material	Length	Size	Config.
S08-3FVG-020-12MG	M8	3	straight	PVC	2 m	M12	straight
S08-4FVG-020-12MG	M8	4	straight	PVC	2 m	M12	straight
S08-3FUG-020-12MG	M8	3	straight	PUR	2 m	M12	straight
S08-4FUG-006-12MG	M8	4	straight	PUR	0.6 m	M12	straight

Inductive

Photoelectric

Ultrasonic

Capacitive

Safety

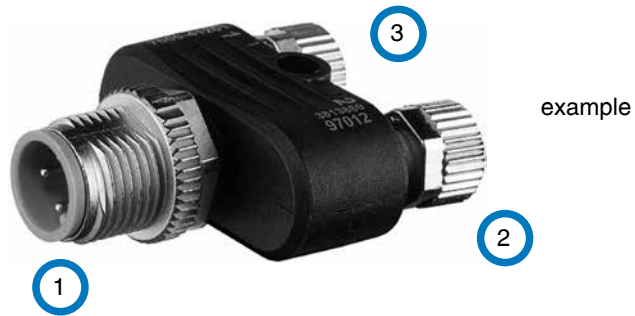
RFID

Connectivity

Accessories

Glossary

Index



T-CONNECTOR

PART REFERENCE	CONNECTION 1		CABLE		CONNECTION 2	CONNECTION 3
	Size	Pins	Material	Length	Size	Size
V12-4TPD-003-UN0	M12 plug	4	PVC	0.3	M12 socket	M12 plug



DISTRIBUTION BOXES

PART REFERENCE	SOCKET			CONNECTION
	Size	Pins	Number connections	Length
V12-54PD-050-UYN	M12	5	4 Plug Distribution box	5 m
V12-54PD-100-UYN	M12	5	4 Plug Distribution box	10 m
V12-58PD-050-UYN	M12	5	8 Plug Distribution box	5 m
V12-58PD-100-UYN	M12	5	8 Plug Distribution box	10 m
V12-58MD-100-UYN	M12	5	8 Plug Metal Distribution box	10 m



example

FIELD ATTACHABLE CONNECTORS

PART REFERENCE	SOCKET			CABLE	
	Size	Pins	Config.	Outer Ø	Wire Ø
S08-3FNG-000-NNT1	M8	3	straight	3.0 - 5.0	0.14 - 0.38
S08-4FNG-000-NNT1	M8	4	straight	3.0 - 5.0	0.14 - 0.38
S08-3MNG-000-NNT1	M8	3	straight	3.0 - 5.0	0.14 - 0.38
S08-4MNG-000-NNT1	M8	4	straight	3.0 - 5.0	0.14 - 0.38
S08-3MNG-000-NNT2	M8	3	straight	4.0 - 8.0	0.14 - 0.50
S12-4FNG-000-NNT1	M12	4	straight	3.0 - 5.0	0.14 - 0.38
S12-4FNG-000-NNT2	M12	4	straight	4.0 - 8.0	0.14 - 0.50
S12-5FNG-000-NNT2	M12	5	straight	4.0 - 8.0	0.14 - 0.50
S12-4FNW-000-NNT1	M12	4	right angle	3.5 - 5.0	0.08 - 0.34
S12-4FNW-000-NNT2	M12	4	right angle	4.0 - 8.0	0.14 - 0.50
S12-5FNW-000-NNT2	M12	5	right angle	4.0 - 8.0	0.14 - 0.50
S12-4MNG-000-NNT1	M12	4	straight	3.0 - 5.0	0.14 - 0.38
S12-4MNG-000-NNT2	M12	4	straight	4.0 - 8.0	0.14 - 0.50
S12-5MNG-000-NNT2	M12	5	straight	4.0 - 8.0	0.14 - 0.50
S12-4MNW-000-NNT2	M12	4	right angle	4.0 - 8.0	0.14 - 0.50
S12-5MNW-000-NNT2	M12	5	right angle	4.0 - 8.0	0.14 - 0.50

CABLES WITH INTEGRATED LED

PART REFERENCE	SOCKET			CABLE		
	Size	Pins	Config.	Material	Length	LED
S12-3FUW-050-YNNN	M12	3	right angle	PUR	5 m	PNP
S12-3FVW-050-YNNN	M12	3	right angle	PVC	5 m	PNP
S08-3FUW-020-YNNN	M8	3	right angle	PUR	2 m	PNP