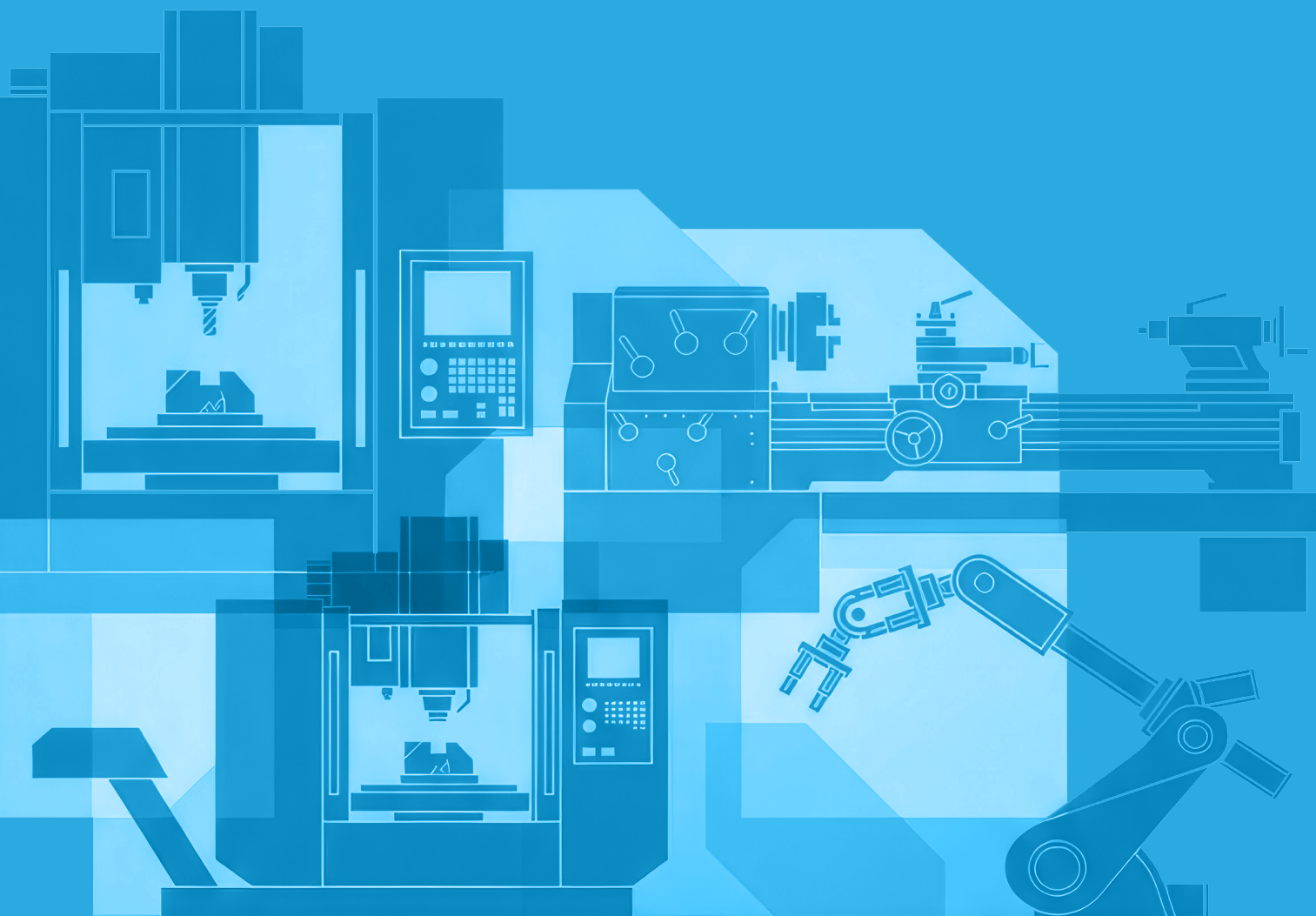


INDUSTRIAL AUTOMATION

advanced machining solutions



We connect your Innovation



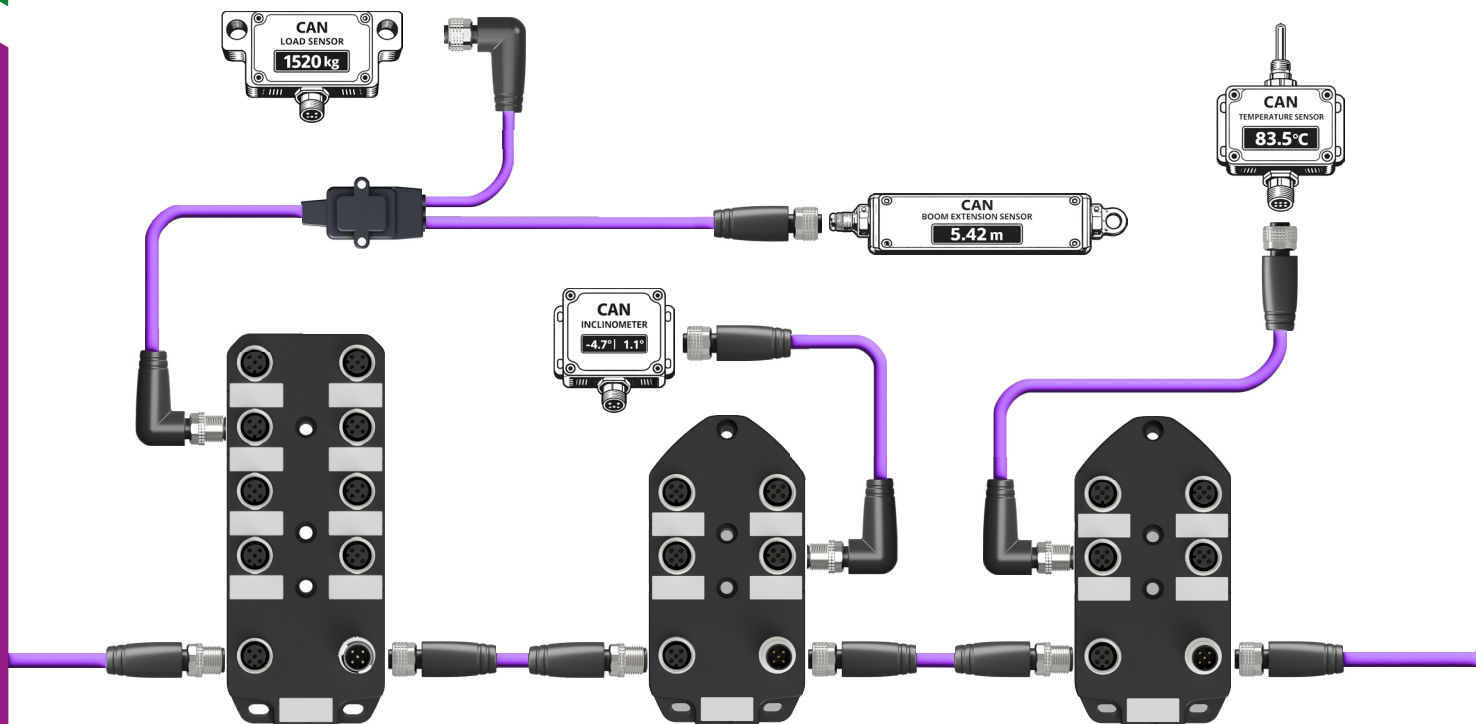
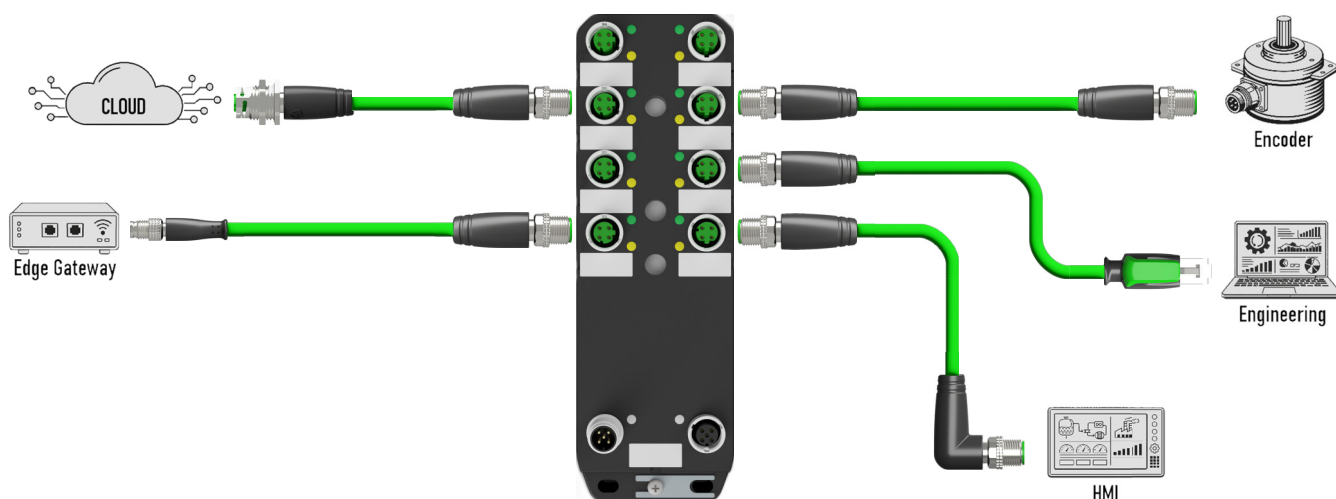
BUS CONNECTIVITY

EtherCAT[®]

CAN

PROFI
NET[®]

- > Female contact clip in **press-fit** version ensures **no communication dropouts**
- > Crimping follows MIL standards for an unfailing **everlasting connection**
- > For a quick and **safe connection** according to EN 011-2-61076 standards, **B12 bayonet** offers the perfect solutions



LONG TIME EXPERIENCE IN CAN APPLICATIONS

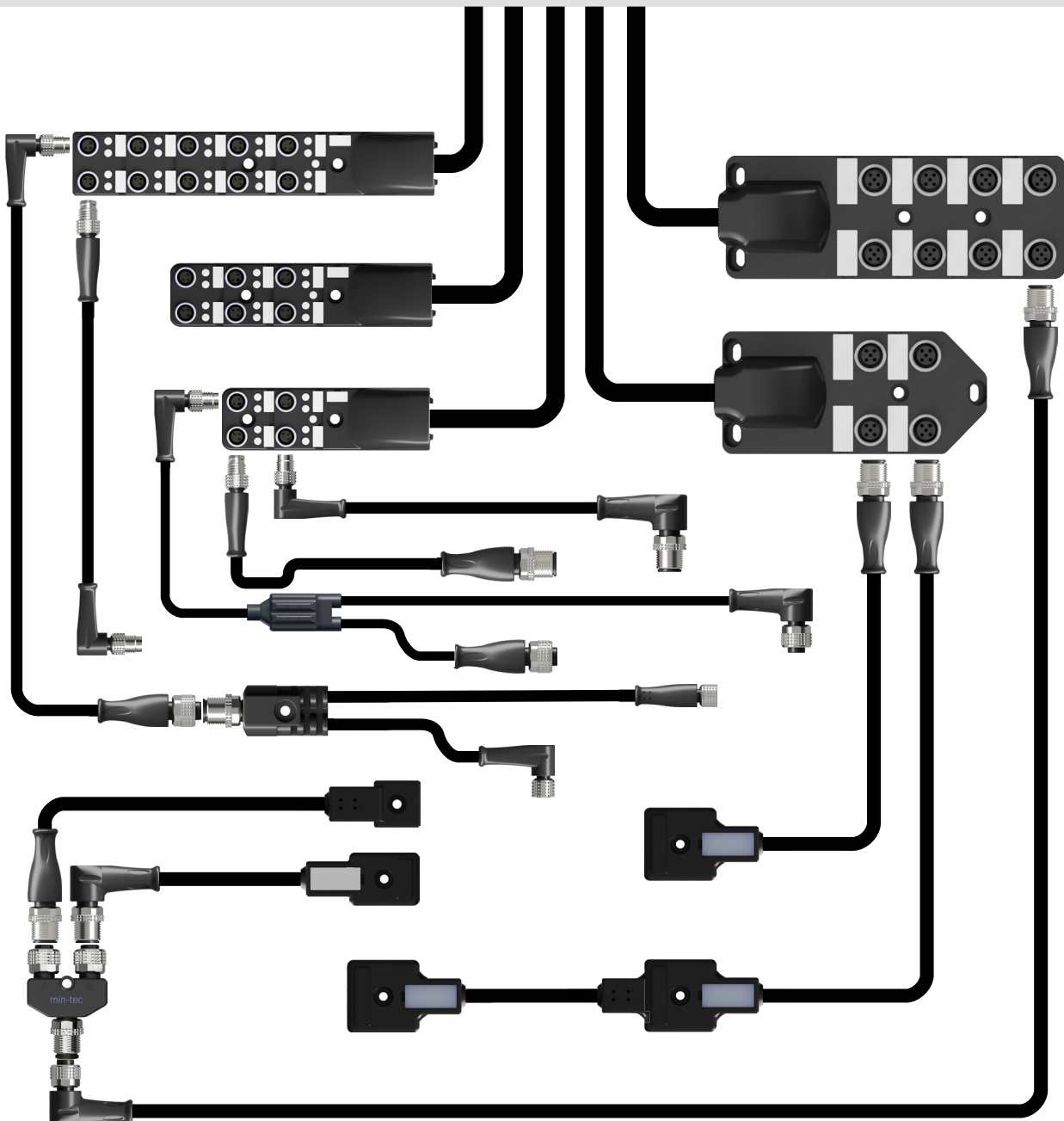
CANopen and DeviceNET protocols are used in industrial automation in automotive, mobile and special vehicles applications. Thanks to our cabling and hub distributor solutions, Mintec is recognized as an industry leader in the market of mobile applications.

- > M12 A code complete range connector for CAN and DeviceNET protocols
- > Passive HUB for distribution of CAN and daisy network

COMPLETE PRE-WIRED SOLUTIONS

Simplify complex wiring with our complete range of pre-wired solutions, designed to ensure fast installation, high mechanical resistance and reliable performance even in harsh environments.

- > **Faster installation** - No need for junction boxes, reducing time and complexity.
- > **Simplified design** - Greater flexibility in sizing and mechanical layout.
- > **Maximum reliability** - 100% tested solutions for safe and efficient operation.



PASSIVE DISTRIBUTORS

M8/M12 CONNECTORS

VALVE CONNECTORS

INNOVATIVE SOLUTIONS FOR VALVES AND CIRCULAR CONNECTORS

DIN VALVE

- > INTEGRATED GASKET
- > NATIVE IP 67
- > NOT LOOSING SCREW

M8/M12 CIRCULAR CONNECTORS

- > MOULDED BODY (TPU)
- > AVAILABLE IN B12
- > STRONG LOCKING SYSTEM



MACHINE TOOLS AUTOMATION

M12 4-5 POLES CIRCULAR CONNECTORS



Length	Female straight M12	Male straight M12	Female angled M12	Male angled M12	Length	Double ended M12
PUR BLACK CABLE 4x0.34 mm ²						
3m	43021-030	43181-030	43101-030	43261-030	0.3m	44200-100
5m	43021-050	43181-050	43101-050	43261-050	0.6m	44200-101
10m	43021-100	43181-100	43101-100	43261-100	1.5m	44200-102
PUR UL BLACK CABLE 4x0.34 mm ²						
3m	43023-030	43183-030	43103-030	43263-030	0.3m	44200-300
5m	43023-050	43183-050	43103-050	43263-050	0.6m	44200-301
10m	43023-100	43183-100	43103-100	43263-100	1.5m	44200-302
PUR BLACK CABLE 5x0.34 mm ²						
3m	43041-031	43201-031	43121-031	43281-031	0.3m	44220-190
5m	43041-051	43201-051	43121-051	43281-051	0.6m	44220-191
10m	43041-101	43201-101	43121-101	43281-101	1.5m	44220-192
PUR UL BLACK CABLE 5x0.34 mm ²						
3m	43043-030	43203-030	43123-030	43283-030	0.3m	44220-300
5m	43043-050	43203-050	43123-050	43283-050	0.6m	44220-301
10m	43043-100	43203-100	43123-100	43283-100	1.5m	44220-302

M12 8 POLES CIRCULAR CONNECTORS



Length	Female straight M12	Male straight M12	Female angled M12	Male angled M12	Length	Double ended M12
PUR BLACK CABLE 8x0.25 mm ²						
3m	43061-030	43221-030	43141-030	43301-030	0.3m	44240-100
5m	43061-050	43221-050	43141-050	43301-050	0.6m	44240-101
10m	43061-100	43221-100	43141-100	43301-100	1.5m	44240-102
PUR UL BLACK CABLE 8x0.25 mm ²						
3m	43063-030	43223-030	43143-030	43303-030	0.3m	44240-300
5m	43063-050	43223-050	43143-050	43303-050	0.6m	44240-301
10m	43063-100	43223-100	43143-100	43303-100	1.5m	44240-302

M12 FIELD WIRABLE



	Female M12 4 poles	Male M12 4 poles	Female angled M12 4 poles	Male angled M12 4 poles
PG7	46400-002	46460-002	46520-002	46580-002
PG9	46400-003	46460-003	46520-003	46580-003
	Female M12 5 poles	Male M12 5 poles	Female angled M12 5 poles	Male angled M12 5 poles
PG7	46420-002	46480-002	46540-002	46600-002
PG9	46420-003	46480-003	46540-003	46600-003
	Female M12 8 poles	Male M12 8 poles	Female angled M12 8 poles	Male angled M12 8 poles
PG9	46440-003	46500-003	46560-003	46620-003



Length	Female straight M12	Male straight M12	Female angled M12	Male angled M12	Length	Double ended M12
PUR UL BLACK CABLE 4x0.34 mm ² SHIELDED						
3m	43243-030	43503-030	43623-030	43703-030	0.3m	44280-300
5m	43243-050	43503-050	43623-050	43703-050	0.6m	44280-301
10m	43243-100	43503-100	43623-100	43703-100	1.5m	44280-302
PUR UL BLACK CABLE 5x0.34 mm ² SHIELDED						
3m	43443-030	43523-030	43643-030	43723-030	0.3m	44300-300
5m	43443-050	43523-050	43643-050	43723-050	0.6m	44300-301
10m	43443-100	43523-100	43643-100	43723-100	1.5m	44300-302
PUR BLACK CABLE 8x0.25 mm ² SHIELDED						
3m	43463-030	43543-030	43663-030	43743-030	0.3m	44320-300
5m	43463-050	43543-050	43663-050	43743-050	0.6m	44320-301
10m	43463-100	43543-100	43663-100	43743-100	1.5m	44320-302



A code		Female M12	Male M12
5 pin	PG9	46710-002	46770-002
8 pin	PG9	46750-002	46810-002



A code	Female M12 rear mount	Male M12 rear mount	Female M12 front mount	Male M12 front mount
4 pin	46172-000	46112-000	46162-000	46102-000
5 pin	46192-001	46132-001	46182-001	46122-001
8 pin	46212-002	46152-002	46202-002	46142-002

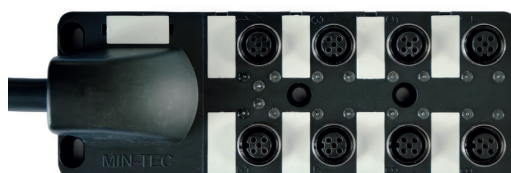


Length	Female M12 S code	MALE M12 S code	Length	Double ended M12 S code
PUR 3G 1.5 mm ² 1000V UL Style				
3m	61001-100	61007-100	0.3m	61201-100
5m	61001-101	61007-101	0.6m	61201-101
10m	61001-102	61007-102	1.5m	61201-102
PUR 4G 1.5 mm ² 1000V UL Style				
3m	61002-100	61008-100	0.3m	61202-100
5m	61002-101	61008-101	0.6m	61202-101
10m	61002-102	61008-102	1.5m	61202-102



Length Pre wired distribution box 4 ways 4 pin with led

	PUR BLACK CABLE 3G 0,75 mm ² + 4x0,34 mm ²
5m	47061-000
10m	47061-001
15m	47061-002



Pre wired distribution box 8 ways 4 pin with led

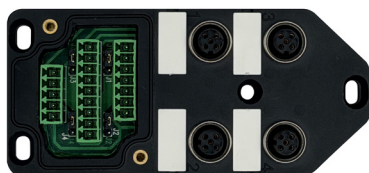
	PUR BLACK CABLE 3G 0,75mm ² + 8x0,34 mm ²
	47101-000
	47101-001
	47101-002

Length Pre wired distribution box 4 ways 5 pin with led

	PUR BLACK CABLE 3G 0,75 mm ² + 8x0,34 mm ²
5m	47071-000
10m	47071-001
15m	47071-002

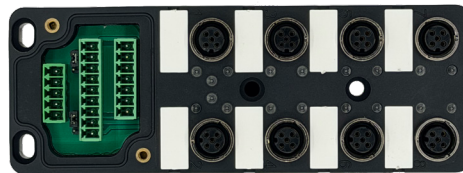
Pre wired distribution box 8 ways 5 pin with led

	PUR BLACK CABLE 3G 0,75 mm ² + 16x0,34 mm ²
	47111-000
	47111-001
	47111-002



Distribution box 4 ways 4 pin with led

	47069-000
--	-----------



Distribution box 8 ways 4 pin with led

	47109-000
--	-----------

Distribution box 4 ways 5 pin with led

	47079-000
--	-----------

Distribution box 8 ways 5 pin with led

	47119-000
--	-----------



Length Pre wired distribution box 4 ways 3 pin with led

	PUR BLACK CABLE 3G 0,75 mm ² + 4x0,34 mm ²
5m	47381-000
10m	47381-001
15m	47381-002



Pre wired distribution box 6 ways 3 pin with led

	PUR BLACK CABLE 3 G0,75 mm ² + 6x0,34 mm ²
	47401-000
	47401-001
	47401-002

Length Pre wired distribution box 4 ways 4 pin with led

	PUR BLACK CABLE 3G 0,75 mm ² + 8x0,34 mm ²
5m	47391-000
10m	47391-001
15m	47391-002

Pre wired distribution box 6 ways 4 pin with led

	PUR BLACK CABLE 3G 0,75 mm ² + 12x0,34 mm ²
	47411-000
	47411-001
	47411-002



Length Pre wired distribution box 8 ways 3 pin with led

	PUR BLACK CABLE 3G 0,75 mm ² + 8x0,34 mm ²
5m	47421-000
10m	47421-001
15m	47421-002



Pre wired distribution box 10 ways 3 pin with led

	PUR BLACK CABLE 3 G0,75 mm ² + 10x0,34 mm ²
	47441-000
	47441-001
	47441-002

Length Pre wired distribution box 8 ways 4 pin with led

	PUR BLACK CABLE 3G 0,75 mm ² + 16x0,34 mm ²
5m	47431-000
10m	47431-001
15m	47431-002

Pre wired distribution box 10 ways 4 pin with led

	PUR BLACK CABLE 3G 0,75 mm ² + 20x0,34 mm ²
	47451-000
	47451-001
	47451-002



Length	Female straight M8	Male straight M8	Female angled M8	Male angled M8	Length	Double ended M8
PUR BLACK CABLE 3X0,34 mm ²						
3m	41031-030	41231-030	41131-030	41331-030	0.3m	42101-003
5m	41031-050	41231-050	41131-050	41331-050	0.6m	42101-006
10m	41031-100	41231-100	41131-100	41331-100	1.5m	42101-015
PUR UL BLACK CABLE 3X0,34 mm ²						
3m	41033-030	41233-030	41133-030	41333-030	0.3m	42103-003
5m	41033-050	41233-050	41133-050	41333-050	0.6m	42103-006
10m	41033-100	41233-100	41133-100	41333-100	1.5m	42103-015
PUR BLACK CABLE 4X0,34 mm ²						
3m	41041-030	41241-030	41141-030	41341-030	0.3m	42121-003
5m	41041-050	41241-050	41141-050	41341-050	0.6m	42121-006
10m	41041-100	41241-100	41141-100	41341-100	1.5m	42121-015
PUR UL BLACK CABLE 4X0,34 mm ²						
3m	41043-030	41243-030	41143-030	41343-030	0.3m	42123-003
5m	41043-050	41243-050	41143-050	41343-050	0.6m	42123-006
10m	41043-100	41243-100	41143-100	41343-100	1.5m	42123-015



A code		Female M8	Male M8	Female angled M8	Male angled M8
3 pin	P67	46300-001	46320-001	46350-001	46370-001
4 pin	P67	46310-001	46330-001	46360-001	46380-001



A code		Female M8 front mount	Male M8 front mount	Female M8 rear mount	Male M8 rear mount
3 pin		46008-000	46048-000	46018-000	46058-000
4 pin		46028-001	46068-001	46038-001	46078-001



Length	Din A	Double valve din A int.150 mm	Length	Double ended form A - M12	Length	Double ended form A duble valve int.150mm
PUR BLACK CABLE cross section 0,75 mm ²						
1.5m	48044-000	40100-100	0.3m	45301-020	1.5m	40100-200
3m	48044-001	40100-101	0.6m	45301-021	3m	40100-201
5m	48044-002	40100-102	1.5m	45301-022	5m	40100-202

EO circuit with transient suppression TRANSIL and 24V yellow bipolar LED						
1.5m	48144-165	40100-031	0.3m	45301-035	1.5m	40100-203
3m	48144-166	40100-004	0.6m	45301-036	3m	40100-204
5m	48144-152	40100-005	1.5m	45301-037	5m	40100-205

PUR UL BLACK CABLE cross section 0,75 mm ²						
1.5m	48084-000	40100-130	0.3m	45303-020	1.5m	40100-230
3m	48084-001	40100-131	0.6m	45303-021	3m	40100-231
5m	48084-002	40100-132	1.5m	45303-022	5m	40100-232

EO circuit with transient suppression TRANSIL and 24V yellow bipolar LED						
1.5m	48184-165	40100-133	0.3m	45303-036	1.5m	40100-233
3m	48184-166	40100-134	0.6m	45303-037	3m	40100-234
5m	48184-167	40100-135	1.5m	45303-038	5m	40100-235



Length	Din B	Din B ISO	Length	Double ended form B - M12	Double ended form B - M12
PUR BLACK CABLE cross section 0,75 mm ²					
1.5m	48044-000	40100-100	0.3m	45301-020	40100-200
3m	48044-001	40100-101	0.6m	45301-021	40100-201
5m	48044-002	40100-102	1.5m	45301-022	40100-202

EO circuit with transient suppression TRANSIL and 24V yellow bipolar LED					
1.5m	48144-165	40100-031	0.3m	45301-035	40100-203
3m	48144-166	40100-004	0.6m	45301-036	40100-204
5m	48144-152	40100-005	1.5m	45301-037	40100-205

PUR UL BLACK CABLE cross section 0,75 mm ²					
1.5m	48084-000	40100-130	0.3m	45303-020	40100-230
3m	48084-001	40100-131	0.6m	45303-021	40100-231
5m	48084-002	40100-132	1.5m	45303-022	40100-232

EO circuit with transient suppression TRANSIL and 24V yellow bipolar LED					
1.5m	48184-165	40100-133	0.3m	45303-036	40100-233
3m	48184-166	40100-134	0.6m	45303-037	40100-234
5m	48184-167	40100-135	1.5m	45303-038	40100-235



Length	Din C ISO	Din C micro	Length	Double ended form C iso - M12	Double ended form C micro - M12
PUR BLACK CABLE cross section 0,50 mm ²					
1.5m	48440-000	48640-000	0.3m	45341-100	40100-200
3m	48440-001	48640-001	0.6m	45341-101	40100-201
5m	48440-002	48640-002	1.5m	45341-102	40100-202

EO circuit with transient suppression TRANSIL and 24V yellow bipolar LED					
1.5m	48144-165	40100-031	0.3m	45301-035	40100-203
3m	48144-166	40100-004	0.6m	45301-036	40100-204
5m	48144-152	40100-005	1.5m	45301-037	40100-205

PUR UL BLACK CABLE cross section AWG20					
1.5m	48084-000	40100-130	0.3m	45303-020	40100-230
3m	48084-001	40100-131	0.6m	45303-021	40100-231
5m	48084-002	40100-132	1.5m	45303-022	40100-232

EO circuit with transient suppression TRANSIL and 24V yellow bipolar LED					
1.5m	48184-165	40100-133	0.3m	45303-036	40100-233
3m	48184-166	40100-134	0.6m	45303-037	40100-234
5m	48184-167	40100-135	1.5m	45303-038	40100-235

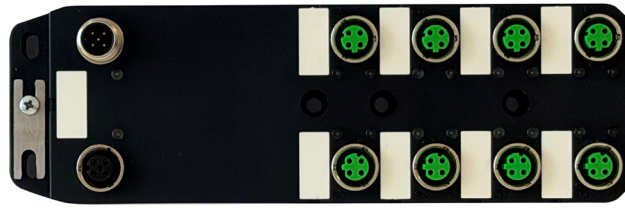


A code	Din A adapter M12	DIN A with EO circuit adapter M12
3 pin	45309-000	45309-015



Length	Double ended B12-M12	Double ended B12-M8	Double ended form C micro-B12	Double ended form A-B12	Double ended form B-B12
PUR CABLE 5x0.34 mm ²		PUR CABLE 3x0.34 mm ²		PUR CABLE cross section 0.75 mm ²	
0.3m	34220-101	34100-100	35361-000	35301-020	35321-020
0.6m	34220-102	34100-101	35361-001	35301-021	35321-021
1.5m	34220-103	34100-102	35361-002	35301-022	35321-022

PUR UL CABLE 5x0.34 mm ²		PUR UL CABLE 3x0.34 mm ²		PUR UL CABLE cross section AWG18 mm ²	
0.3m	34220-300	34100-300	35363-000	35303-020	35323-020
0.6m	34220-301	34100-301	35363-001	35303-021	35323-021
1.5m	34220-302	34100-302	35363-002	35303-022	35323-022



Ethernet switch D code 8 ways

47909-002



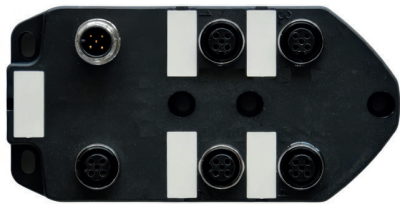
Length	Male straight RJ45	Male straight M12 D code	Length	Double ended RJ45	Double ended RJ45, M12	Double ended M12
4xAWG22 CAT5e Industrial Ethernet Type C						
2m	43983-000	43873-000	0.3m	44985-300	44975-300	44695-300
5m	43983-002	43873-002	0.6m	44985-301	44975-301	44695-301
10m	43983-010	43873-003	1.5m	44985-302	44975-302	44695-302



Length	Male straight M8 A code	Length	Double ended RJ45, M8	Double ended M8 m/m
4xAWG26 CAT5e Industrial Ethernet				
2m	41603-020	0.3m	42613-003	42603-003
5m	41603-050	0.6m	42613-006	42603-006
10m	41603-100	1.5m	42613-015	42603-015

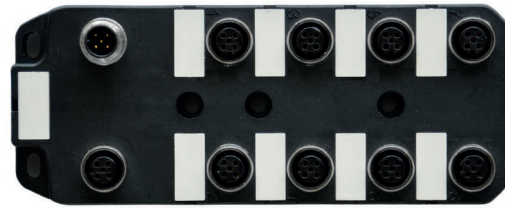


Length	Male straight RJ45	Male straight M12 X code	Length	Double ended RJ45	Double ended RJ45, M12	Double ended M12
4x(2xAWG26) CAT 7 Industrial Ethernet						
2m	43993-000	43963-000	0.3m	44981-300	44972-300	44950-300
5m	43993-002	43963-002	0.6m	44981-301	44972-301	44950-301
10m	43993-010	43963-003	1.5m	44981-302	44972-302	44950-302



M12 Passive HUB 4 ways

47209-000



M12 Passive HUB 8 ways

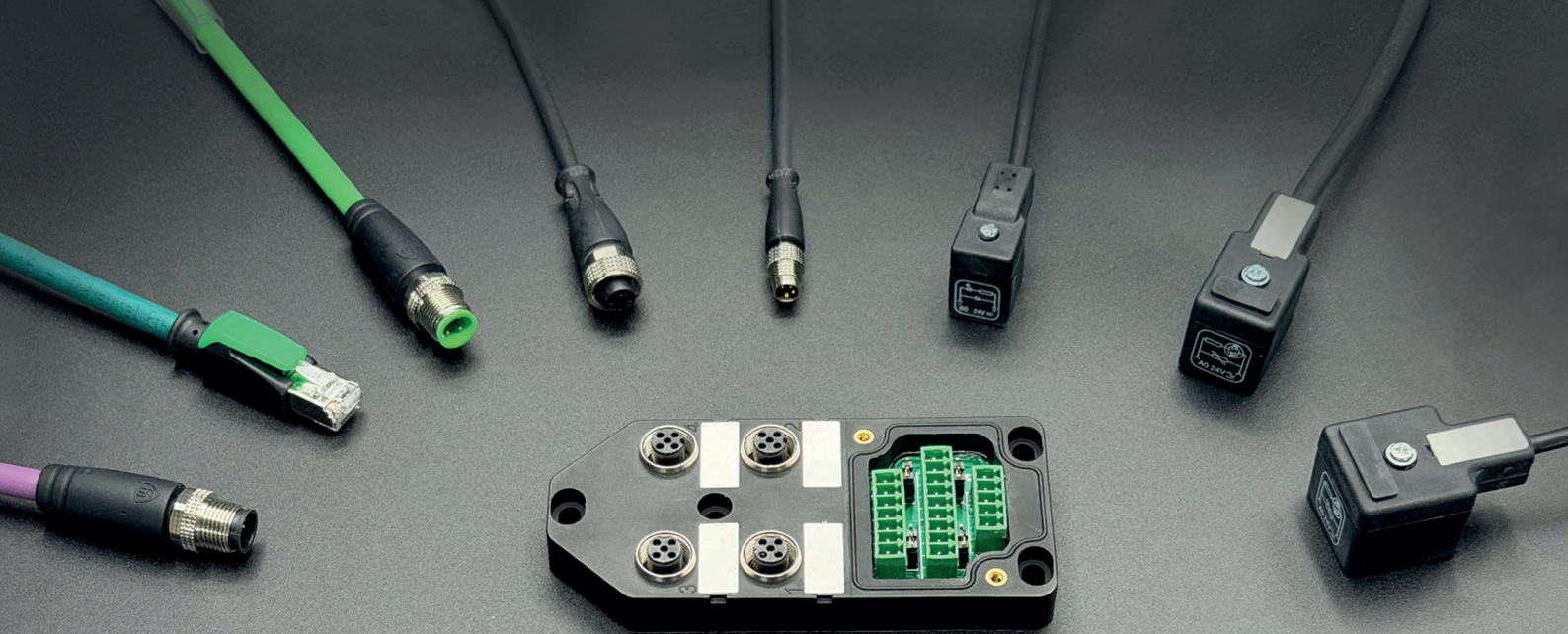
47209-002



Length	Female straight M12	Male straight M12	Female angled M12	Male angled M12	Length	Double ended M12
2x2xAWG22 PUR UL CABLE Violet cable						
2m	43773-000	43753-000	43783-000	43763-000	0.3m	44850-300
3m	43773-001	43753-001	43783-001	43763-001	0.6m	44850-301
5m	43773-002	43753-002	43783-002	43763-002	1.5m	44850-302
1x2xAWG22 + 1x2xAWG24 PUR UL Violet cable						
2m	43923-000	43903-000	43933-000	43913-000	0.3m	44940-300
3m	43923-001	43903-001	43933-001	43913-001	0.6m	44940-301
5m	43923-002	43903-002	43933-002	43913-002	1.5m	44940-302



A code	Male M12	Female M12	Male receptacle	Female receptacle		Industrial RJ45
A code	46800-002	46820-002	46912-000	46852-000	4 poles	60408046
D code	46770-002	46710-002	46956-000	46896-000	8 poles	60408048



Mintec - Creativity, Passion, Innovation. "The Quality Connection"

Our long and consolidated experience in the connection sector, combined with our passion and creativity, have led us to create quality products that are highly appreciated in the "outdoor" sectors: connectors suitable for heavy-duty applications, where resistance and continuity of service are required, even when subjected to significant stress, vibrations, large temperature ranges, in the continuous presence of dust and liquids.

We transfer this know-how to our products on a daily basis, with consequent advantages in addition to the basic characteristics found in more widely used products, guaranteeing, for example, compliance with IP67 on all products and IP68 where the customer requires it.

Our connectors are therefore developed, manufactured and marketed with the expertise and passion that sets us apart and is expressed in the product itself.

As certified operators, we work in compliance with ISO 9001:2015 standards. Furthermore, being in close contact with the main certification bodies for the Approvals of its products, Mintec offers numerous products with the UL mark. All this in a "Green" context that sees our company working in energy autonomy thanks to its own photovoltaic system.

Mintec means Quality also in the customer service, from the initial activities of support to the connection project, to the customisation of the product or the simple choice of the standard connector, up to a careful after-sales service.



Mintec Industriale S.r.l.

Via Vallassina, 1/3 22060 - AROSIO (CO) - ITALY

Phone: +39 031 760911 r. a.

Fax: +39 031 762733

www.mintec.it

info@mintec.it

