

Mating connectors for controlling electrically operated valves and sensors

RE 08008/03.11
Replaces: 06.05

1/10

Different versions and designs



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Features

- Mating connectors are usually accessories and not always included in the scope of delivery of the valves and sensors
- Plastic and metal version
- Different designs and standards
- Mating connectors for solenoids, position and pressure sensors, valves without / with integrated electronics
- Design of the mating connectors as
 - cubic connector, round connector, angular connector
 - jet connector
 - KOSTAL connector
 - mating connectors with cable

Ordering code

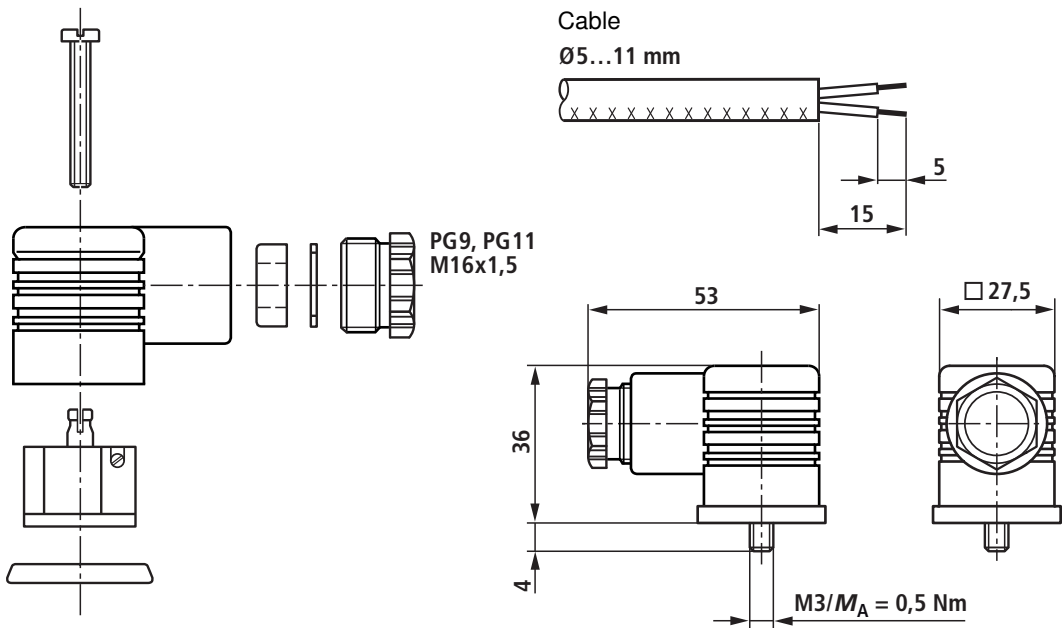
Denomination			<i>m</i> (kg)	Details, see page	Material number
2P+PE PG9, PG11, M16x1.5 	Mating connectors for solenoids DIN 43650 ISO 4400 NFE 48441	Gray	0.03	4	1 834 484 058
		Black			1 834 484 057
		with LED			1 834 484 136
					1 834 484 137
					1 834 484 103
		with free wheeling diode and LED			1 834 484 138
					1 834 484 139
		with rectifier			1 834 484 134
					1 834 484 135
3P+PE / M16x1.5 	Mating connector for pressure switches and sensors DIN 43650 ISO 4400 NFE 48441	Black	0.03	5	1 834 484 060
4P / PG7 	Mating connectors for position transducers and pressure sensors	Gray	0.02	5	1 834 484 061
		Black			1 834 484 063
3P / PG7 	Mating connector for position sensor AC/AC	Black	0.05	6	1 834 484 040
6P+PE / PG11 	Mating connector for valves with integrated electronics Plastic	Soldering technique	0.05	6	1 834 482 022
6P+PE / PG11 	Mating connector for valves with integrated electronics Plastic	Crimping technique	0.05	7	1 834 482 026
6P+PE / PG11 	Mating connector for valves with integrated electronics Angle Plastic	Crimping technique	0.05	7	1 834 484 252
6P+PE / PG11 	Mating connector for valves with integrated electronics Metal	Crimping technique	0.08	8	1 834 482 023

Ordering code

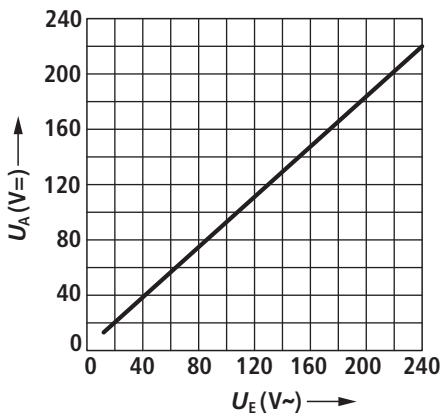
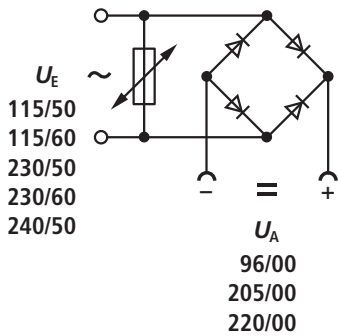
Denomination			<i>m</i> (kg)	Details, see page	Material number
11P+PE / PG16 	Mating connector for valves with integrated electronics Plastic	Crimping technique	0.05	8	1834 484 142
4P / M12x1 	Mating connectors with cable for valves with spool position indicator	Straight 5 m cables	0.12	9	1834 463 013
		Straight 10 m cables	0.45		1834 463 030
		Angle 5 m cables	0.10		1834 463 014
		Angle 10 m cables	0.445		1834 463 031
4P+PE / M12x1 	Mating connectors with cable for valves with central connection	Angle 5 m cables	0.25	9	1834 463 027
2P 	Jet connector (Junior Timer)	Straight	0.031	10	1834 484 094
		Angle	0.038		1834 484 095
2P 	KOSTAL connector Angle	Soldering technique	0.031	10	1834 484 046

Unit dimensions and details (dimensions in mm)

2P+PE



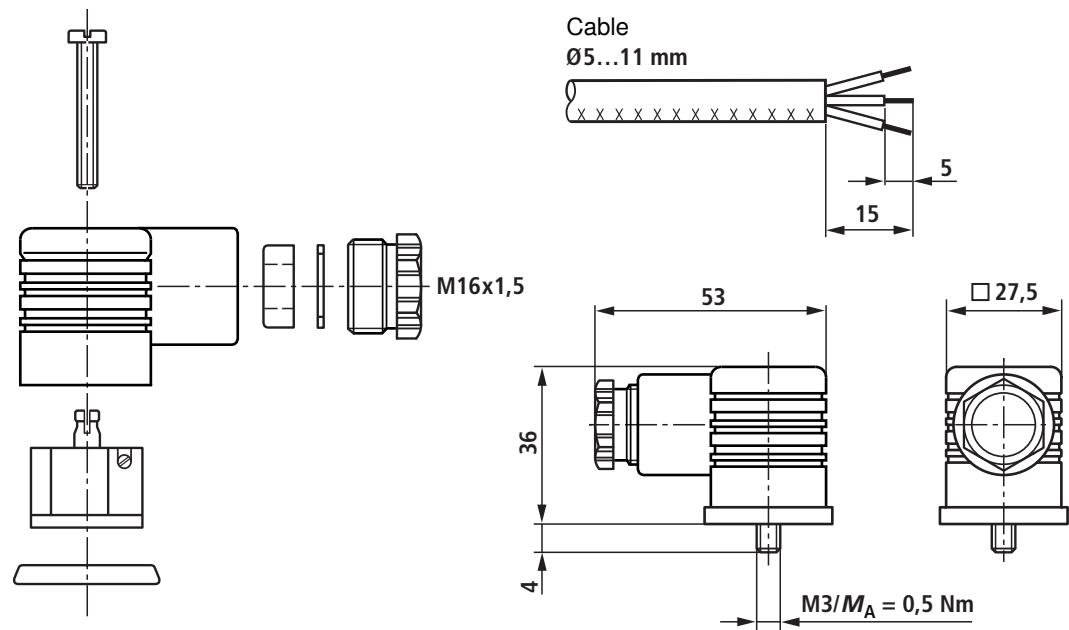
Rectifier



Denomination	DIN 43650 ISO 4400 NFE 48441			Material no.
	Standard	M16 x 1.5		
		Gray	A	1834 484 058
		Black	B	1834 484 057
with LED	PG11	15...30 V =	A	1834 484 136
			B	1834 484 137
	PG9	230 V~	A	1834 484 103
with free wheeling diode and LED	PG11	20...30 V =	A	1834 484 138
			B	1834 484 139
with rectifier	PG11		A	1834 484 134
			B	1834 484 135

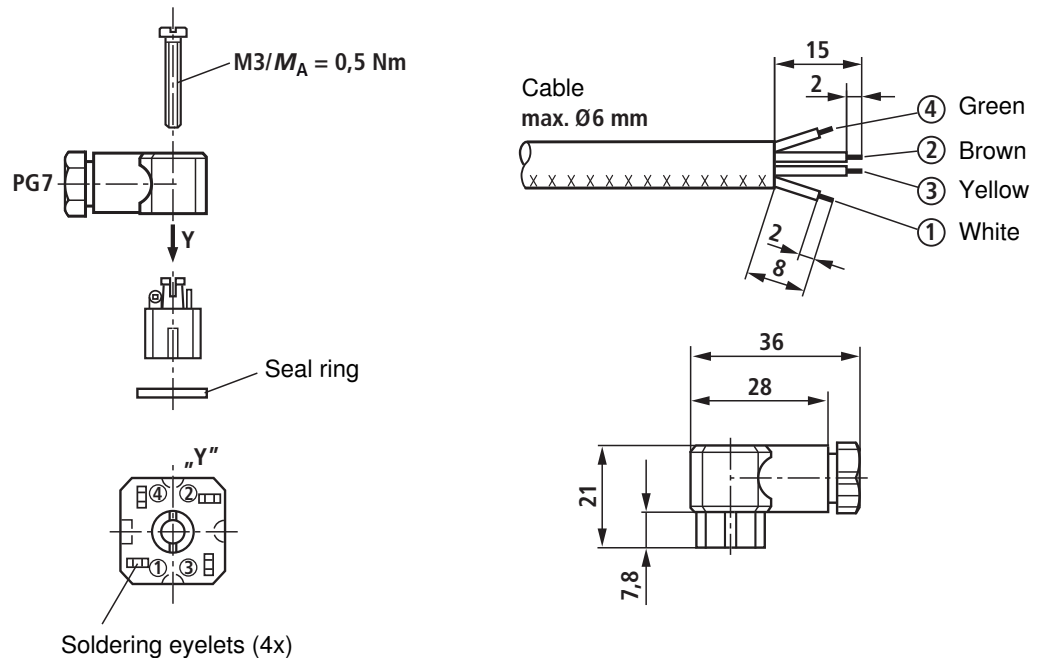
Unit dimensions and details (dimensions in mm)

3P+PE



Denomination	DIN 43650 ISO 4400 NFE 48441			Material no.
Standard	M16x1.5	Black	B	1834 484 060

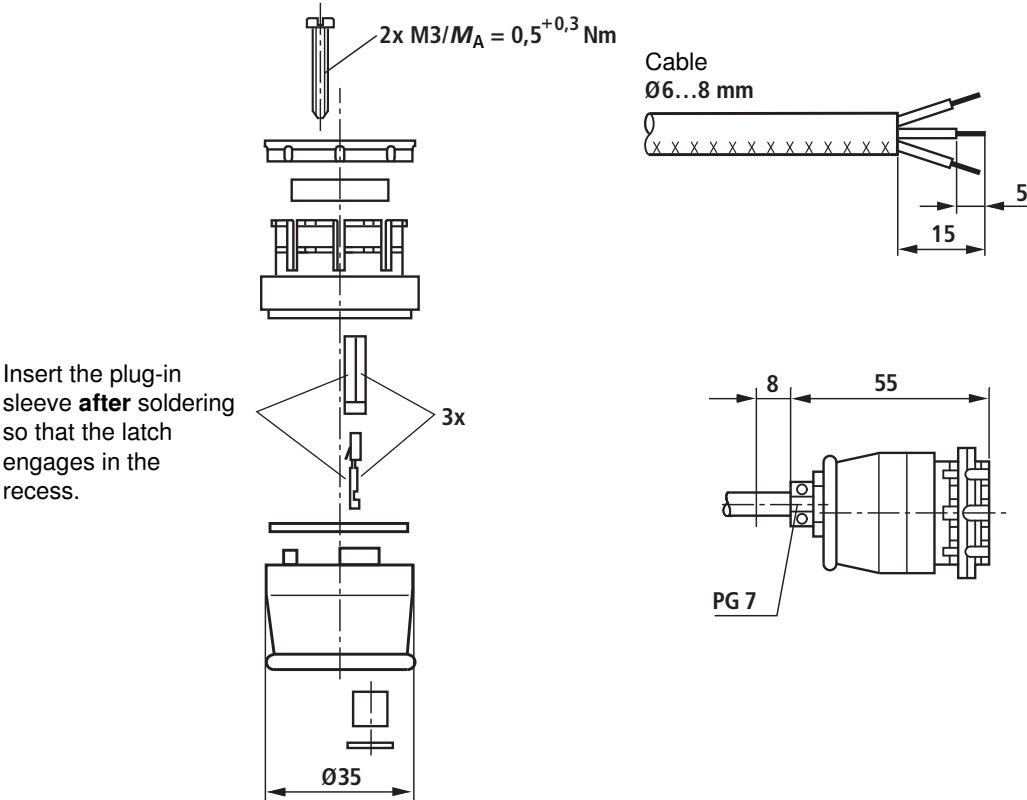
4P



Denomination				Material no.
Mating connector	PG7	Gray		1834 484 061
		Black		1834 484 063

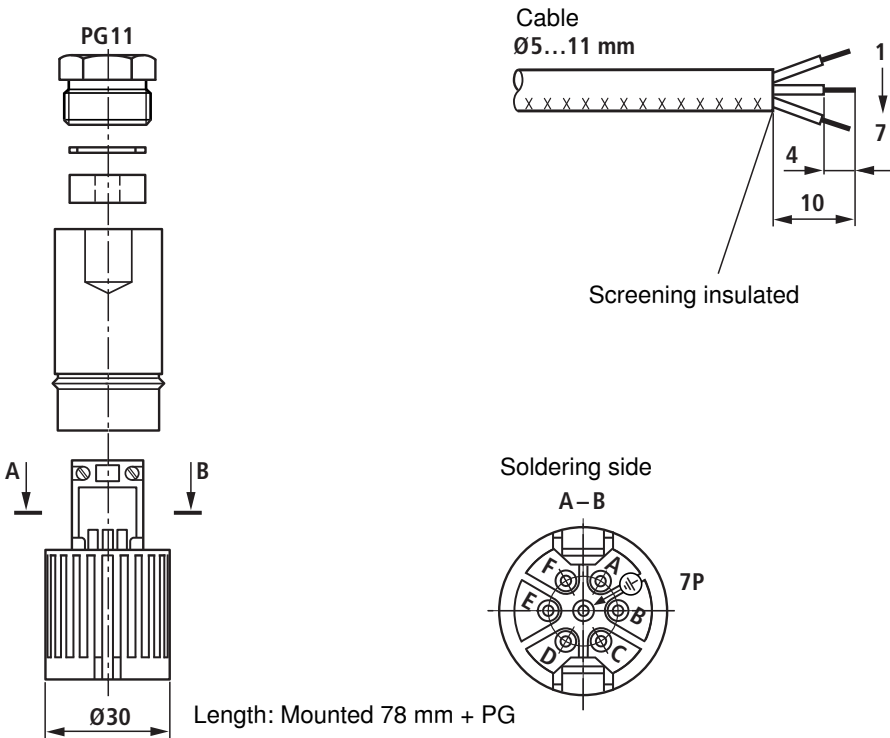
Unit dimensions and details (dimensions in mm)

3P



Denomination			Material no.
Mating connector AC/AC	PG7	Black	1 834 484 040

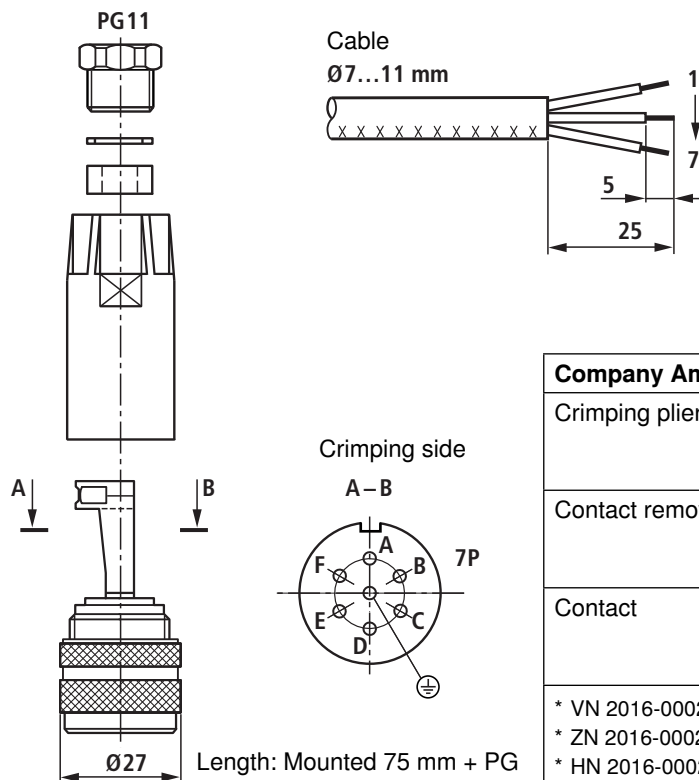
6P+PE



Denomination			Material no.
Mating connector	PG11	Plastic	Soldering technique
			1 834 482 022

Unit dimensions and details (dimensions in mm)

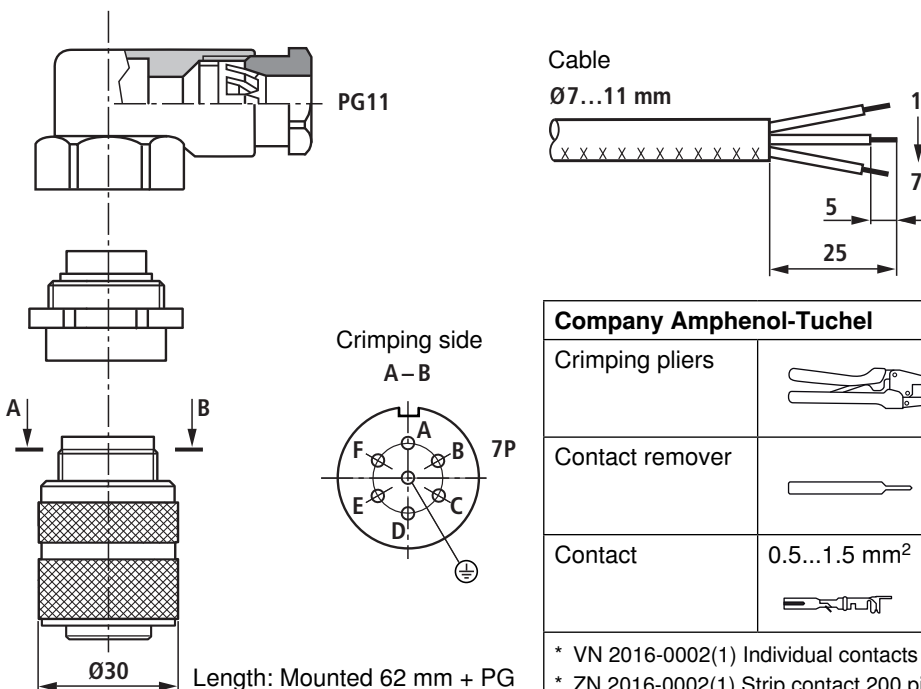
6P+PE



Company Amphenol-Tuchel		Order number
Crimping pliers		TA 0000 TA 0000 163 TA 0002 146001
Contact remover		FG0300 146-(1)
Contact	0.5...1.5 mm ² 	2016 0002 (1)*
* VN 2016-0002(1) Individual contacts packing unit 100 pieces * ZN 2016-0002(1) Strip contact 200 pieces * HN 2016-0002(1) Strip contact 2000 pieces		

Denomination				Material no.
Mating connector	PG11	Plastic	Crimping technique	1 834 482 026

6P+PE

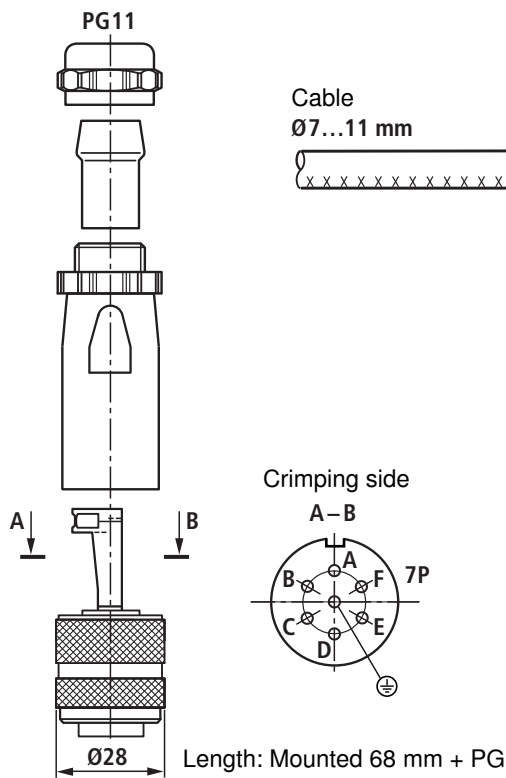


Company Amphenol-Tuchel		Order number
Crimping pliers		TA 0000 TA 0000 163 TA 0002 146001
Contact remover		FG0300 146-(1)
Contact	0.5...1.5 mm ² 	2016 0002 (1)*
* VN 2016-0002(1) Individual contacts packing unit 100 pieces * ZN 2016-0002(1) Strip contact 200 pieces * HN 2016-0002(1) Strip contact 2000 pieces		

Denomination				Material no.
Mating connector	PG11	Angle	Crimping technique	1 834 484 252

Unit dimensions and details (dimensions in mm)

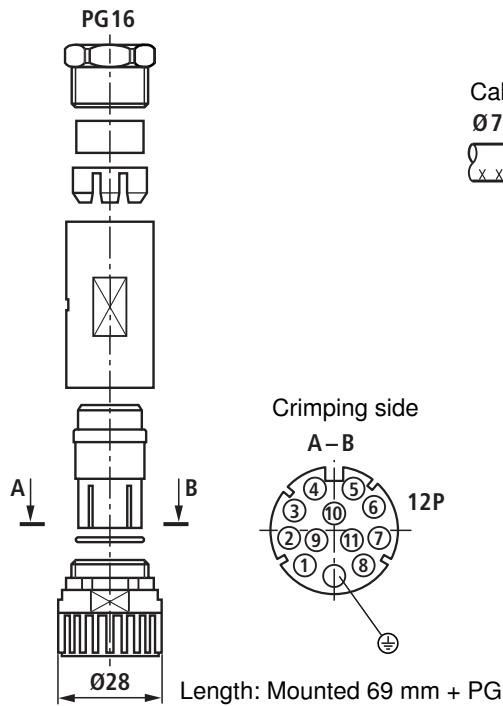
6P+PE



Company Amphenol-Tuchel		Order number
Crimping pliers		TA 0000 TA 0000 163 TA 0002 146001
Contact remover		FG 0300 146-(1)
Contact	0.5...1.5 mm ² 	2016 0002 (1)*
* VN 2016-0002(1) Individual contacts packing unit 100 pieces		
* ZN 2016-0002(1) Strip contact 200 pieces		
* HN 2016-0002(1) Strip contact 2000 pieces		

Denomination				Material no.
Mating connector	PG11	Metal	Crimping technique	1 834 482 023

11P+PE

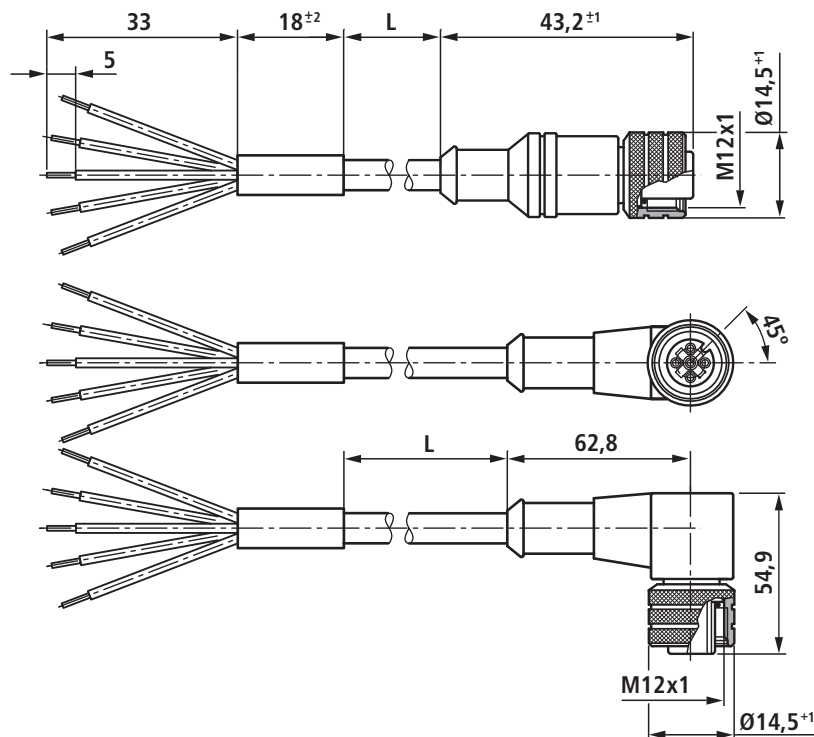


Company Hirschmann		Order number
Crimping pliers		XZC 0700
Contact remover		XWA 164
Contact	0.5...1.5 mm ² 	RBC 162

Denomination				Material no.
Mating connector	PG16	Plastic	Crimping technique	1 834 484 142

Unit dimensions and details (dimensions in mm)

M12x1 4P

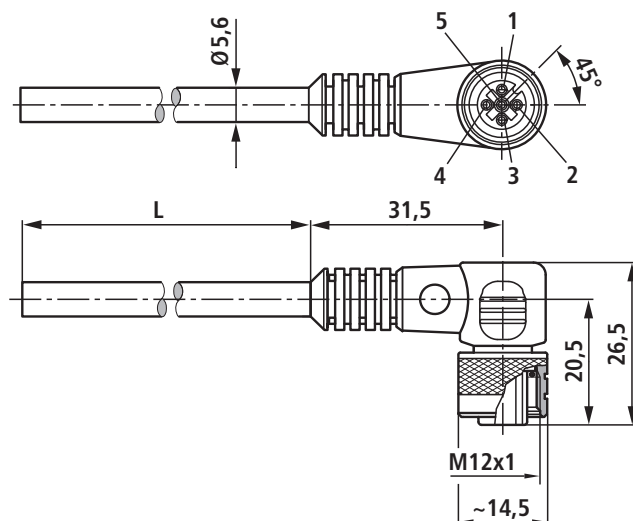


- 1 Brown
2 White
3 Blue
4 Black

Shield in the protective hose transparent
Socket shielded, 4x0.34 mm²
Cable sheath: PUR gray

Denomination			L = Length	Material no.
Mating connector	4P	Straight	5 m	1834463013
		Straight	10 m	1834463030
		Angle	5 m	1834463014
		Angle	10 m	1834463031

M12x1 4P+PE



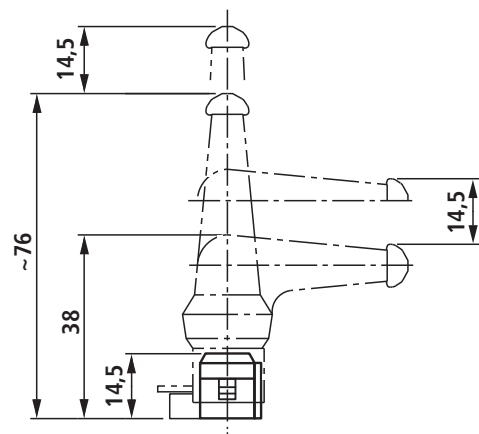
- 1 Brown
2 White
3 Blue
4 Black
5 Green/Yellow according to DIN EN 50044

Housing and cable sheath:
PUR 5x0.34 mm², $I_{\max} = 3 \text{ A}$

Denomination			L = Length	Material no.
Mating connector	5P	Angle	5 m	1834463027

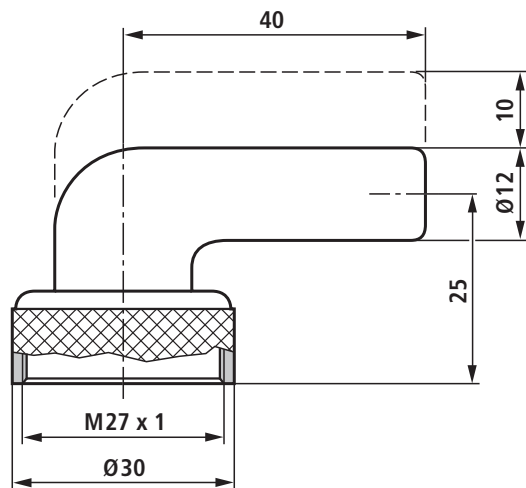
Unit dimensions and details (dimensions in mm)

2P



Denomination		Material no.
Jet connector (Junior Timer)	Straight	1 834 484 094
	Angle	1 834 484 095

2P



Denomination		Material no.
KOSTAL connector	Angle Soldering technique	1 834 484 046