

Electric Drives
and Controls

Hydraulics

Linear Motion and
Assembly Technologies

Pneumatics

Service

Rexroth
Bosch Group

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

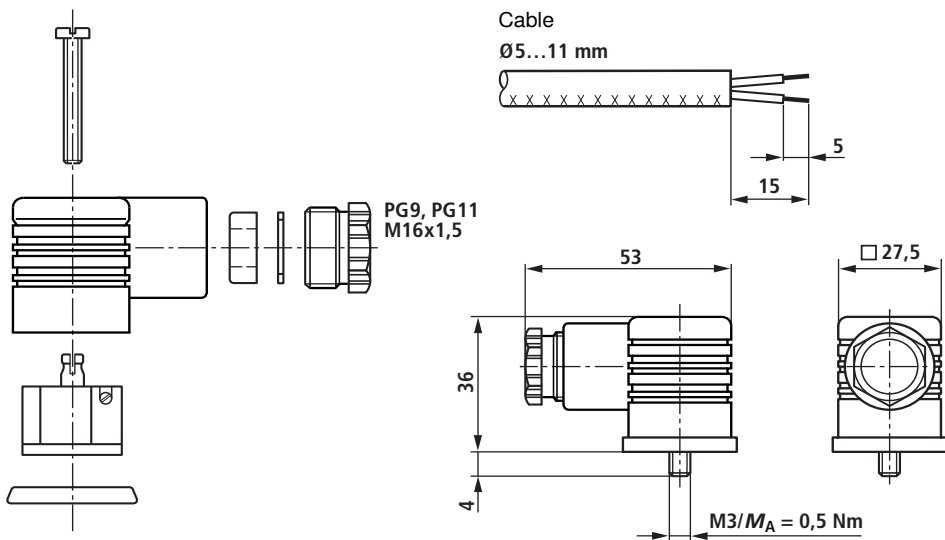
Denomination			m (kg)	Details, see page	Material number
2P+PE PG9, PG11, M16x1.5 	Mating connectors for solenoids DIN 43650 ISO 4400 NFE 48441	Gray	0.03	4	1834 484 058
		Black			1834 484 057
		with LED			1834 484 136
					1834 484 137
					1834 484 103
		with free wheeling diode and LED			1834 484 138
					1834 484 139
		with rectifier			1834 484 134
					1834 484 135
3P+PE / M16x1.5 	Mating connector for pressure switches and sensors DIN 43650 ISO 4400 NFE 48441	Black	0.03	5	1834 484 060
4P / PG7 	Mating connectors for position transducers and pressure sensors	Gray	0.02	5	1834 484 061
		Black			1834 484 063
3P / PG7 	Mating connector for position sensor AC/AC	Black	0.05	6	1834 484 040
6P+PE / PG11 	Mating connector for valves with integrated electronics Plastic	Soldering technique	0.05	6	1834 482 022
6P+PE / PG11 	Mating connector for valves with integrated electronics Plastic	Crimping technique	0.05	7	1834 482 026
6P+PE / PG11 	Mating connector for valves with integrated electronics Angle Plastic	Crimping technique	0.05	7	1834 484 252
6P+PE / PG11 	Mating connector for valves with integrated electronics Metal	Crimping technique	0.08	8	1834 482 023

Ordering code

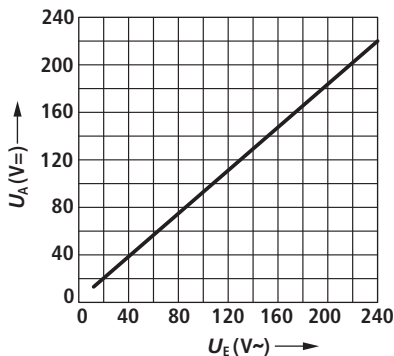
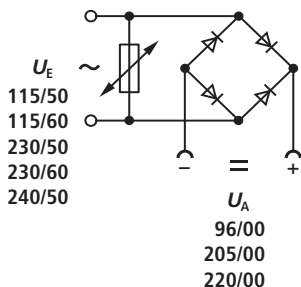
Denomination			m (kg)	Details, see page	Material number
11P+PE / PG16 	Mating connector for valves with integrated electronics Plastic	Crimping technique	0.05	8	1834484142
4P / M12x1 	Mating connectors with cable for valves with spool position indicator	Straight 5 m cables	0.12	9	1834463013
		Straight 10 m cables	0.45		1834463030
		Angle 5 m cables	0.10		1834463014
		Angle 10 m cables	0.445		1834463031
4P+PE / M12x1 	Mating connectors with cable for valves with central connection	Angle 5 m cables	0.25	9	1834463027
2P 	Jet connector (Junior Timer)	Straight	0.031	10	1834484094
		Angle	0.038		1834484095
2P 	KOSTAL connector Angle	Soldering technique	0.031	10	1834484046

Unit dimensions and details (dimensions in mm)

2P+PE



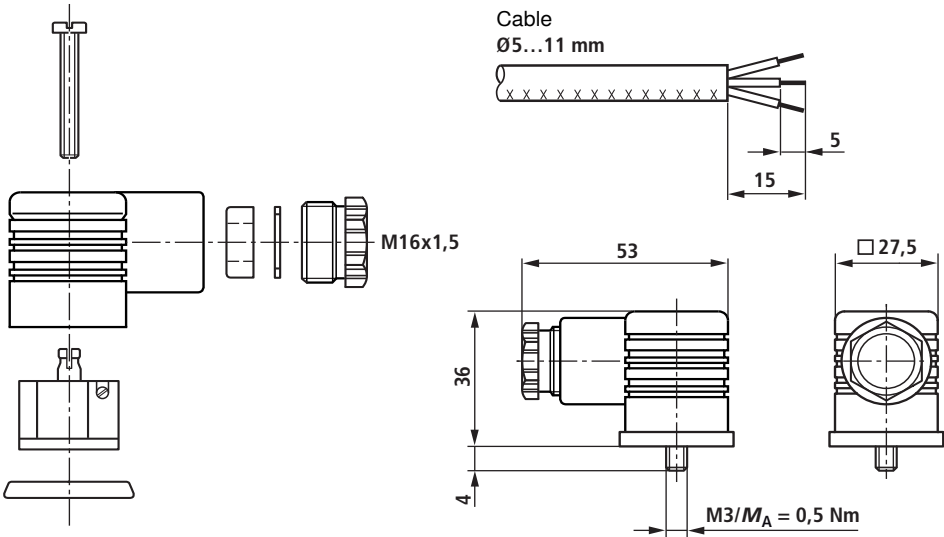
Rectifier



Denomination	DIN 43650 ISO 4400 NFE 48441			Material no.
Standard	M16x1.5	Gray	A	1834484058
		Black	B	1834484057
with LED	PG11	15...30 V =	A	1834484136
			B	1834484137
	PG9	230 V~	A	1834484103
			B	1834484104
with free wheeling diode and LED	PG11	20...30 V =	A	1834484138
			B	1834484139
with rectifier	PG11		A	1834484134
			B	1834484135

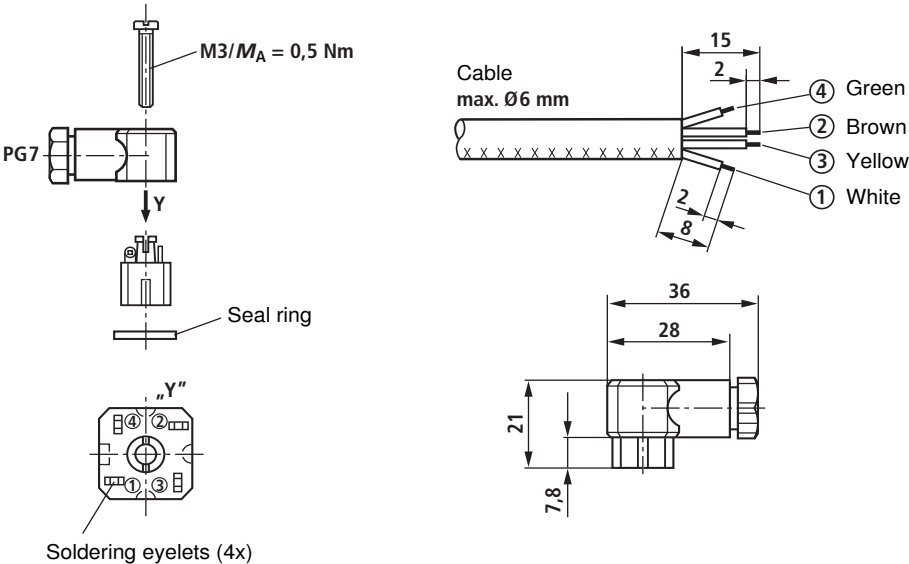
Unit dimensions and details (dimensions in mm)

3P+PE



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

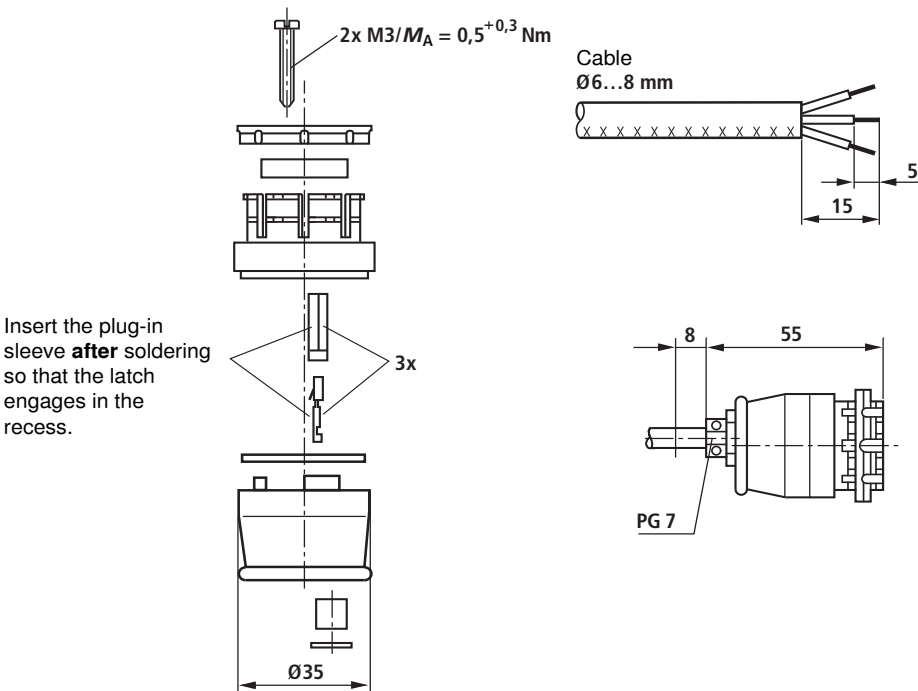
4P



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

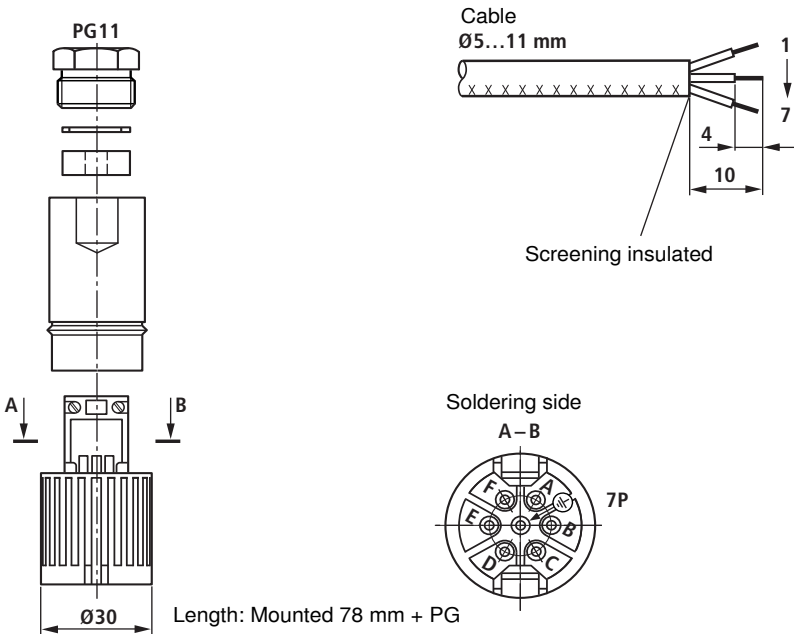
Unit dimensions and details (dimensions in mm)

3P



Denomination			Material no.
Mating connector AC/AC	PG7	Black	1834 484 040

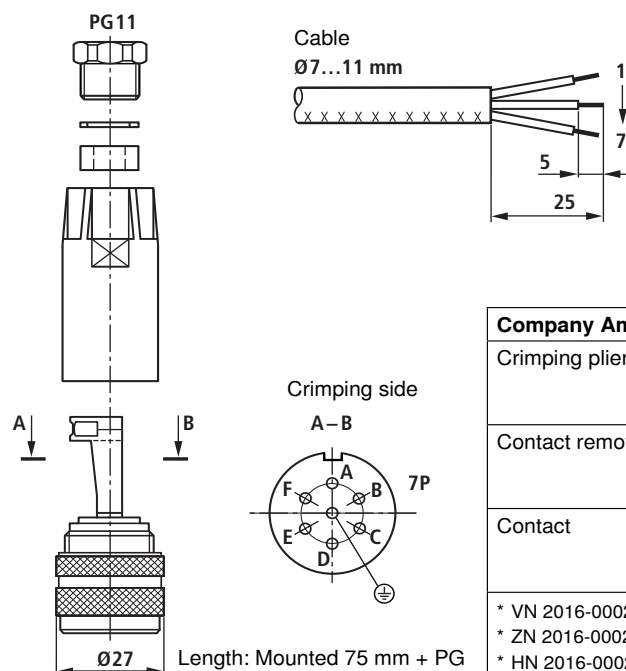
6P+PE



Denomination			Material no.
Mating connector	PG11	Plastic Soldering technique	1834 482 022

Unit dimensions and details (dimensions in mm)

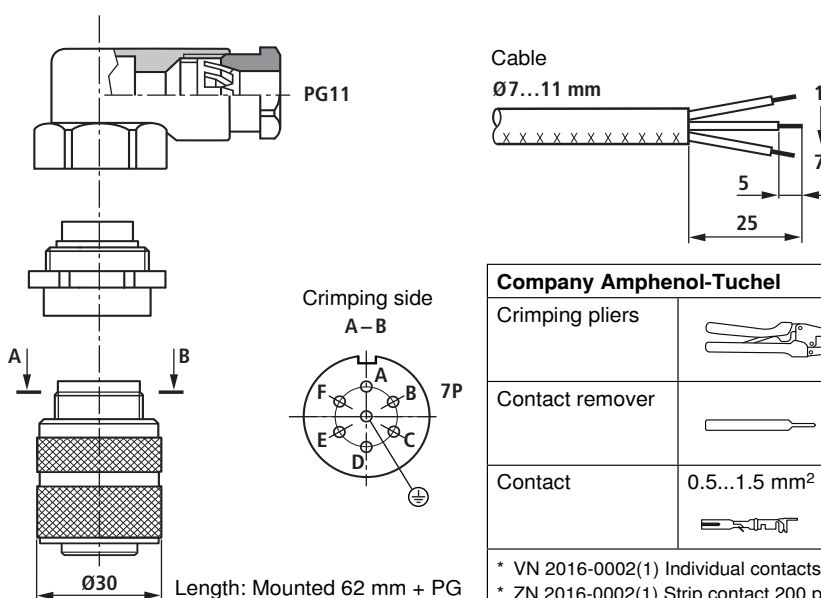
6P+PE



Company Amphenol-Tuchel		Order number
Crimping pliers		TA 0000 TA 0000 163 TA 0002 146001
Contact remover		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	Plastic	Crimping technique	1 834 482 026

6P+PE

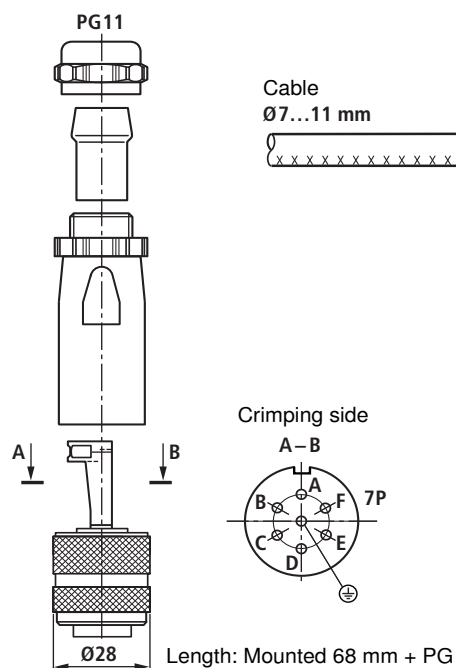


Company Amphenol-Tuchel		Order number
Crimping pliers		TA 0000 TA 0000 163 TA 0002 146001
Contact remover		FG 0300 146-(1)
Contact	0.5...1.5 mm ² 	2016 0002 (1)*
* VN 2016-0002(1) Individual contacts packing unit 100 pieces * ZN 2016-0002(1) Strip contact 200 pieces * HN 2016-0002(1) Strip contact 2000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

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

Unit dimensions and details (dimensions in mm)

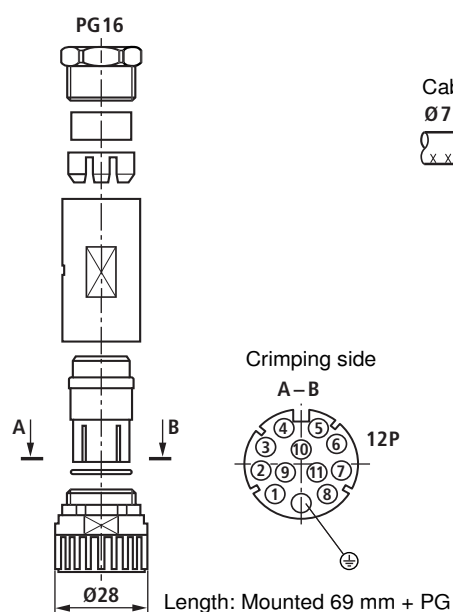
6P+PE



Company Amphenol-Tuchel		Order number
Crimping pliers		TA 0000 TA 0000 163 TA 0002 146001
Contact remover		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	Metal	Crimping technique	1834482023

11P+PE

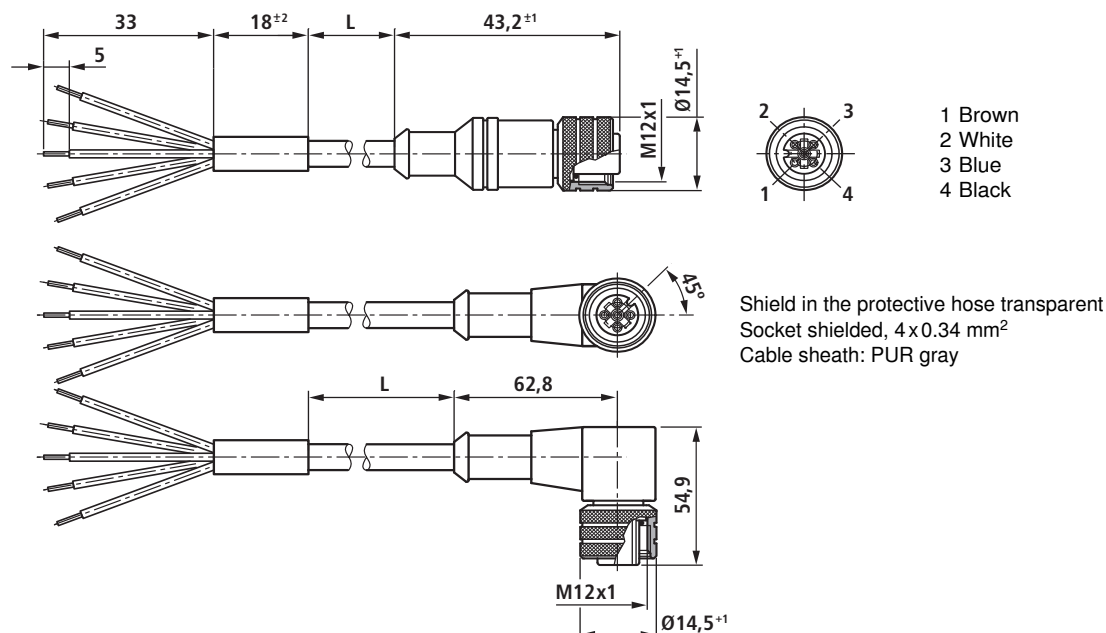


Company Hirschmann		Order number
Crimping pliers		XZC 0700
Contact remover		XWA 164
Contact	0.5...1.5 mm ² 	RBC 162

Denomination				Material no.
Mating connector	PG16	Plastic	Crimping technique	1834484142

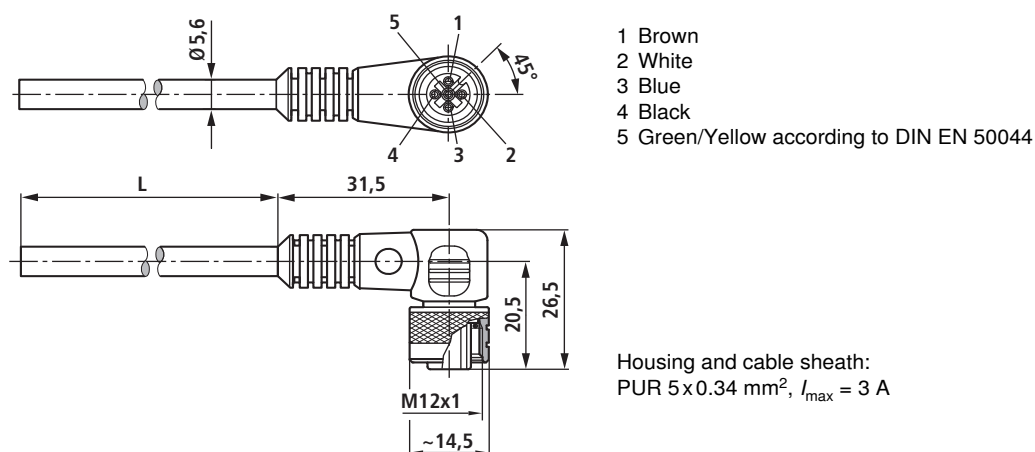
Unit dimensions and details (dimensions in mm)

M12x1 4P



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

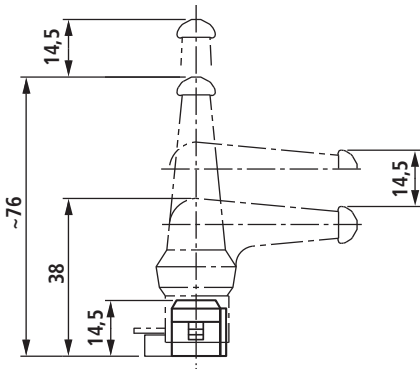
M12x1 4P+PE



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

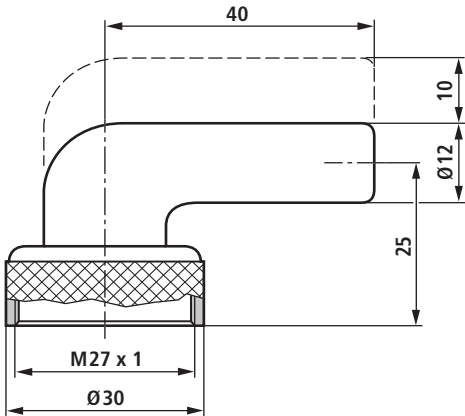
Unit dimensions and details (dimensions in mm)

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