

Space-efficient  
multipole connectors  
with a high durability and long service life

# 2RM

configurations

**2RM / 2RMD / 2RMT**

The RM series of multipole connectors are renowned for their space-efficient (more compact) design, high durability and long service life.

**They are used** in aviation, automation, telecommunications, signalling-related applications and heavy industry.

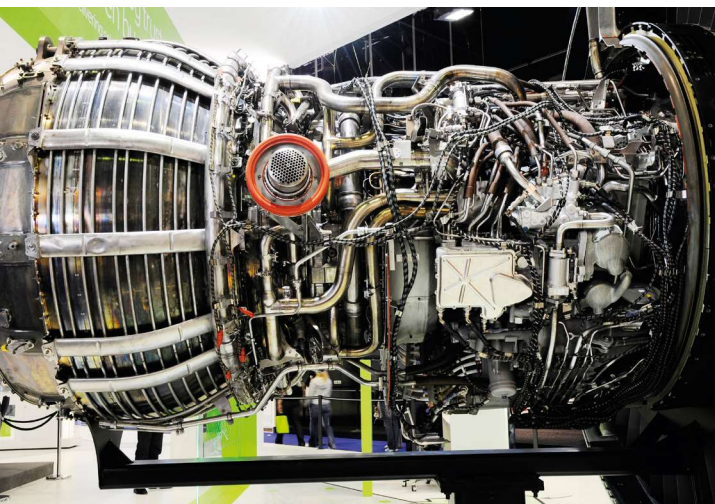
Designed for electrical equipment in military aircraft, they are resistant to thermal shock and mechanical impact. They provide a reliable connection during large impacts, vibrations and acceleration.



*TENEO connectors are used in the engines of Czech and Polish army aircraft.*



*Aircraft engine*







**Compact multipole connectors are ideal for quick and reliable connection and disconnection of electrical circuits and electric and electronic devices. They are renowned for their resistance to heat and mechanical stress. They provide reliable connections and resistance to significant impacts, vibration and acceleration.**

The diameters of the aluminium housings range from 14 mm to 33 mm. The connection is secured using a union nut with a metric thread. The operating load of silver-plated or gold-plated contact pairs (up to 32 contacts) is max. 36 A at max. 500 V ~.

#### 2RM AND 2RMD HOUSING TYPES AND CONFIGURATIONS

KPES	straight shielded male
KPEG	straight shielded female
KPNS	straight unshielded male
KPNG	straight unshielded female
KUES	angled [90°] shielded male
KUEG	angled [90°] shielded female
KUNS	angled [90°] unshielded male
KUNG	angled [90°] unshielded female

#### 2RM AND 2RMD HOUSING TYPES AND CONFIGURATIONS

BS	panel mount male plug
BG	panel mount female plug [SR, SSR and SSRG only]
BPES	cable mount shielded male plug
BPEG	cable mount shielded female plug
BPNS	cable mount unshielded male plug
BPNG	cable mount unshielded female plug

The above markings are consistent with the common conventions for creating marking codes for connectors.

#### MAIN TECHNICAL DATA

Rated voltage: 500 V ~ [max. 2 000 Hz] or max. 500 V =

Rated current 8–36 A

Operating conditions:

- Ambient temperature -60°C to 100°C.
- Ambient relative humidity: max. 95–98% at temperature of +20°C
- 2RMT series connectors can operate reliably in ambient temperatures of -60°C to 150°C
- Stable during vibration with frequencies from 5 Hz to 2 500 Hz; acceleration up to 30 g
- Impact strength – repeated impacts at an acceleration of up to 35 g

Maximum contact resistance of a connector contact pair is 2 mΩ

Connector's insulation resistance between adjacent contacts and between contacts and the housing is at least:

- 1 000 MΩ – under normal climatic conditions
- 20 MΩ in an environment with 98% humidity at 20°C

Rated current and maximum contact resistance of a contact pair [pin, socket] in a connector:

Contact diameter [mm]	Contact resistance of contact pair [mΩ]	Rated current $I_n$ for contacts [A]
Ø 1	≤ 5	8
Ø 1,5	≤ 2,5	15
Ø 2	≤ 1,6	18
Ø 3	≤ 0,8	36

The total resistance of all contacts and connection transition of connector housing does not exceed 2 mΩ.



The maximum permissible rated current  $I_n$  of a contact pair is only valid for connectors with a small number of pins (4 to 7) and for applications in periodic use. The operating current for a permanent load, especially for connectors with a greater number of pins – 10, 19, 24, and 32 – is from around 0.6  $I_n$  [connectors with 32 pins – permanent] to 0.9  $I_n$  [connectors with 10 pins] while connectors with bigger contacts can be used with higher currents up to the  $I_n$  value.

## NOTES FOR USE

It is recommended that all wires soldered to the connector terminal are insulated.

A rubber end piece or electrical tape can be used to secure an unshielded harness. Secure the ends using a clamp.

To further improve the hermetic properties of a connector, it is recommended that its inner space is filled with an insulation material [e.g. polyurethane, epoxy] after installation.

The panel mountable part of a connector can be mounted to walls, brackets, panels and to the inside or outside of an airtight space. Screws or rivets should be used to mount connectors. The mounting method should be chosen based on the connector's design, device wall thickness and mounting points; the customer can choose a method to match their needs and the specific case.

Hermetic connectors should be mounted onto a device using rubber pads.

The connection part of a connector should be secured with a nut and the housing should be covered with petroleum jelly.

Connector nuts should be secured with a wire to prevent their loosening.  
For this purpose, there are 1 mm diameter holes in the connector housing.

The silver plating on contacts may darken [oxidise] during storage.

## MORE INFORMATION

A connector consists of a plug and a receptacle [panel mount or cable mount]. The plug and receptacle are of the same electrical type [they form a connector] if they are of the same model and have the same housing diameter, same number of contacts and the same contact system, e.g. 2RM14.4.1; if the plug and the receptacle have different pin counts, they are marked as G and S.

2RM and 2RMD connectors meet the WT/A-15/027-74 requirements [according to technical data].

There is a 11 year warranty for the permitted number of connection cycles – connections and disconnections must not exceed 500 connections without electrical load.

## NB

The Code column for 2RMD connectors is highlighted in grey in the product tables.

SR

2RM

PK

VS

BS

ZGT / ZGH

RWN

SWITCHES



Panel Mount Receptacle



Straight Cable Mount Receptacle



Straight Cable Mount Plug



Angled (90°) Cable Mount Plug

BASIC DATA	
Connector diameter	14–33 mm
Number of contacts	4–32

CONFIGURATION	
Material (housing)	Aluminium (anodised)
Configuration	Panel Mount Receptacle Straight Cable Mount Receptacle Straight Cable Mount Plug Angled (90°) Cable Mount Plug
Mating	Screw joint
Connection to wire	Soldering

ELECTRICAL PROPERTIES			
Operating voltage $U_n$ / at frequency		max. 500 V $\sim$ / max. 2 kHz	
Contact diameter	Contact rated current $I_n$	Contact marking	Diameter of connectable wire
Ø 1 mm	6–8 A		0.5 mm <sup>2</sup>
Ø 1.5 mm	6–15 A		1 mm <sup>2</sup>
Ø 2 mm	18–20 A		2.5 mm <sup>2</sup>
Ø 3 mm	32–36 A		10 mm <sup>2</sup>
Contact resistance of a contact pair			
Ø 1 mm		≤ 5.0 mΩ	
Ø 1.5 mm		≤ 2.5 mΩ	
Ø 2 mm		≤ 1.6 mΩ	
Ø 3 mm		≤ 0.8 mΩ	



<b>Housing contact resistance (shielded configuration)</b>	$\leq 2 \text{ m}\Omega$
<b>Insulation resistance under normal climatic conditions</b>	$\geq 1 \text{ G}\Omega$
<b>Insulation resistance</b> [20°C, relative humidity 98%, 100 kPa]	$\geq 20 \text{ M}\Omega$

MECHANICAL PROPERTIES	
<b>Number of connections / disconnections</b>	500
<b>Impact strength</b>	
Repeated impacts [10 000 impacts]	max. 35 g
<b>Stability during sinusoidal vibrations / at frequency</b>	max. 30 g / 5–2 500 Hz
<b>Continuous centrifugal acceleration</b>	max. 50 g
<b>RMD continuous centrifugal acceleration</b>	max. 200 g

OPERATING ENVIRONMENT	
<b>Temperature</b>	
Silver-plated [V1] contacts	–60°C to +100°C
Gold-plated [A1] contacts	–60°C to +200°C
<b>Relative humidity</b> [20°C]	max. 98%

All 2RM series products are available with silver-plated (marking suffix V1) or gold-plated (marking suffix A1) contacts.

Technical drawings (3D models) are available upon request

[info@teneo.cz](mailto:info@teneo.cz)

SR

2RM

PK

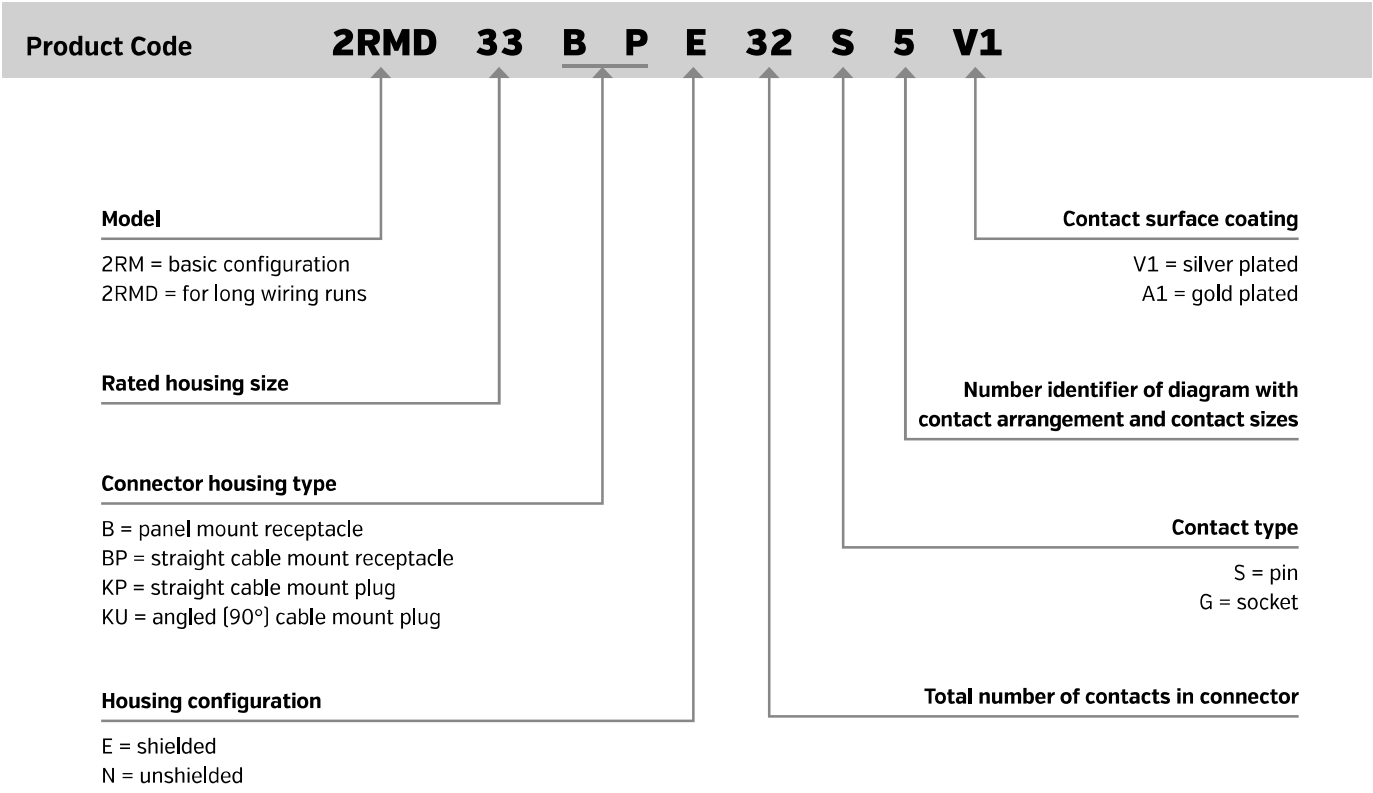
VS

BS

ZGT / ZGH

RWN

SWITCHES







SR

2RM

PK

VS

BS

ZGT / ZGH

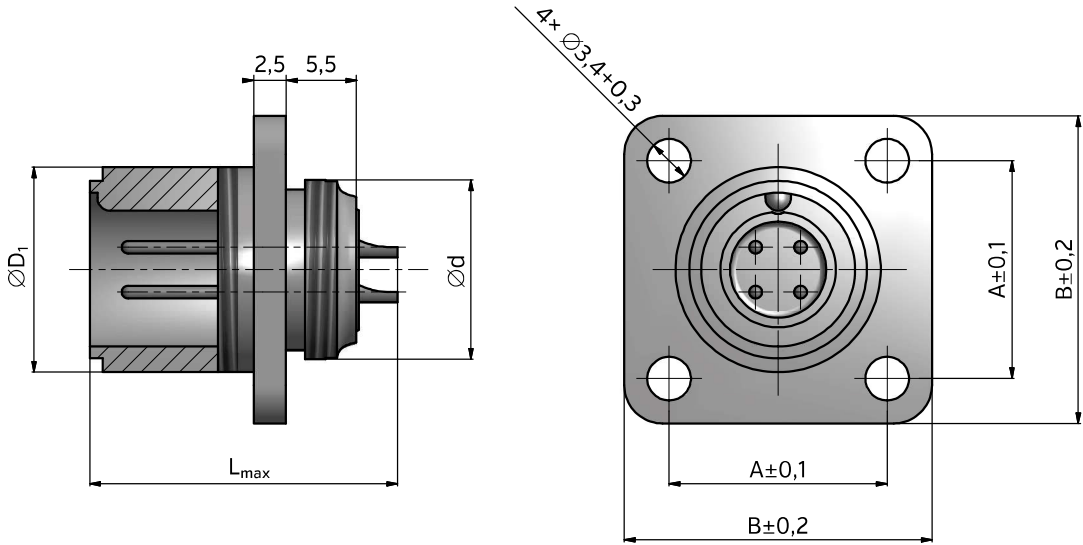
RWN












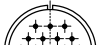







SWITCHES

PANEL MOUNT MALE RECEPTACLE

2RM\_B\_S\_V1 (A1)

2RMD\_B\_S\_V1 (A1)



Size	Code	Diagram	Contact				Connector		Dimensions [mm]				
			id.	n	∅ [mm]	I <sub>n</sub> [A]	I <sub>n</sub> [A]	U <sub>n</sub> [V]	A	B	D <sub>1</sub>	L <sub>max</sub>	D
14	2RM14B4S1V1			4	1	8	27	500	17	24	M16×1	25	M14×1
18	2RMD18B4S5V1			4	1.5	15	50	500	20	27	M20×1	25	M18×1
	2RM18B7S1V1			7	1	7	40	500	20	27	M20×1	25	M18×1
22	2RM22B10S1V1			10	1	7	58	500	23	30	M24×1	25	M22×1
	2RM22B4S3V1		 	2 2	2 3	18 32	80	500	23	30	M24×1	27	M22×1
24	2RM24B19S1V1			19	1	7	76	500	26	33	M27×1.5	25	M24×1
	2RMD24B10S5V1			10	1.5	15	100	500	26	33	M27×1.5	25	M24×1
27	2RMD27B7S5V1			7	1.5	15	84	500	29	36	M30×1.5	25	M27×1
	2RMD27B19S5V1			19	1.5	15	133	500	29	36	M30×1.5	25	M27×1



Size	Code	Diagram	Contact				Connector		Dimensions [mm]				
			id.	n	∅ [mm]	I <sub>n</sub> [A]	I <sub>n</sub> [A]	U <sub>n</sub> [V]	A	B	D <sub>1</sub>	L <sub>max</sub>	D
27	2RM27B24S1V1			24	1	7	96	500	29	36	M30×1.5	25	M27×1
30	2RMD30B8S7V1			4 2 2	1.5 2 3	15 20 36	114	500	31	38	M33×1.5	27	M30×1
	2RMD30B24S5V1			24	1.5	15	168	500	31	38	M33×1.5	25	M30×1
	2RM30B32S1V1			32	1	7	112	500	31	38	M33×1.5	25	M30×1
33	2RMD33B7S9V1			7	3	36	128	500	32	40	M36×1.5	27	M33×1
	2RM33B20S4V1			18 2	1 3	6 36	110	500	32	40	M36×1.5	27	M33×1
	2RMD33B32S5V1			32	1.5	6	160	500	32	40	M36×1.5	25	M33×1

## Available mating combinations

Code	Counterpart
2RM XX B YY S ZZ V1/A1	2RM XX KPE YY G ZZ V1/A1
	2RM XX KPN YY G ZZ V1/A1
	2RM XX KUE YY G ZZ V1/A1
	2RM XX KUN YY G ZZ V1/A1
2RMD XX B YY S ZZ V1/A1	2RMD XX KPE YY G ZZ V1/A1
	2RMD XX KPN YY G ZZ V1/A1
	2RMD XX KUE YY G ZZ V1/A1
	2RMD XX KUN YY G ZZ V1/A1

XX - housing size • YY - number of contacts • ZZ - pinout identifier number  
V1 - silver-plated contacts or A1 - gold-plated contacts

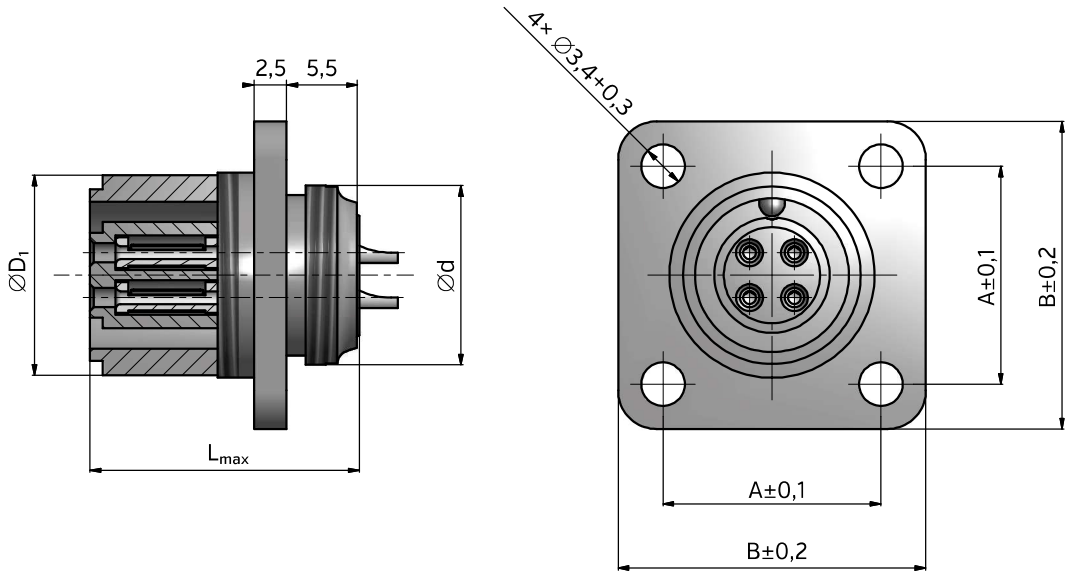
## Order example




















Panel Mount Male Receptacle		2RM	22	B	10	S	1	V1
Straight Cable Mount Unshielded Female Plug		2RM	22	KPN	10	G	1	V1

PANEL MOUNT FEMALE RECEPTACLE

2RM\_B\_G\_V1 (A1)

2RMD\_B\_G\_V1 (A1)



Size	Code	Diagram	Contact				Connector		Dimensions [mm]				
			id.	n	∅ [mm]	I <sub>n</sub> [A]	I <sub>n</sub> [A]	U <sub>n</sub> [V]	A	B	D <sub>1</sub>	L <sub>max</sub>	D
14	2RM14B4G1V1			4	1	8	27	500	17	24	M16×1	25	M14×1
18	2RMD18B4G5V1			4	1.5	15	50	500	20	27	M20×1	25	M18×1
	2RM18B7G1V1			7	1	7	40	500	20	27	M20×1	25	M18×1
22	2RM22B4G3V1		 	2 2	2 3	18 36	80	500	23	30	M24×1	27	M22×1
	2RM22B10G1V1			10	1	7	58	500	23	30	M24×1	25	M22×1
24	2RM24B19G1V1			19	1	7	76	500	26	33	M27×1.5	25	M24×1
	2RMD24B10G5V1			10	1.5	15	100	500	26	33	M27×1.5	25	M24×1
27	2RMD27B7G5V1			7	1.5	15	84	500	29	36	M30×1.5	25	M27×1
	2RMD27B19G5V1			19	1.5	15	133	500	29	36	M30×1.5	25	M27×1

Size	Code	Diagram	Contact				Connector			Dimensions [mm]			
			id.	n	∅ [mm]	I <sub>n</sub> [A]	I <sub>n</sub> [A]	U <sub>n</sub> [V]	A	B	D <sub>1</sub>	L <sub>max</sub>	D
<b>27</b>	2RM27B24G1V1			24	1	7	96	500	29	36	M30×1.5	25	M27×1
<b>30</b>	2RMD30B8G7V1			4	1.5	15							
				2	2	20	114	500	31	38	M33×1.5	27	M30×1
				2	3	36							
	2RMD30B24G5V1			24	1.5	15	168	500	31	38	M33×1.5	25	M30×1
	2RM30B32G1V1			32	1	7	112	500	31	38	M33×1.5	25	M30×1
<b>33</b>	2RMD33B7G9V1			7	3	36	128	500	32	40	M36×1.5	27	M33×1
	2RM33B20G4V1			18	1	6	110	500	32	40	M36×1.5	27	M33×1
				2	3	36							
	2RMD33B32G5V1			32	1.5	6	160	500	32	40	M36×1.5	25	M33×1

## Available mating combinations

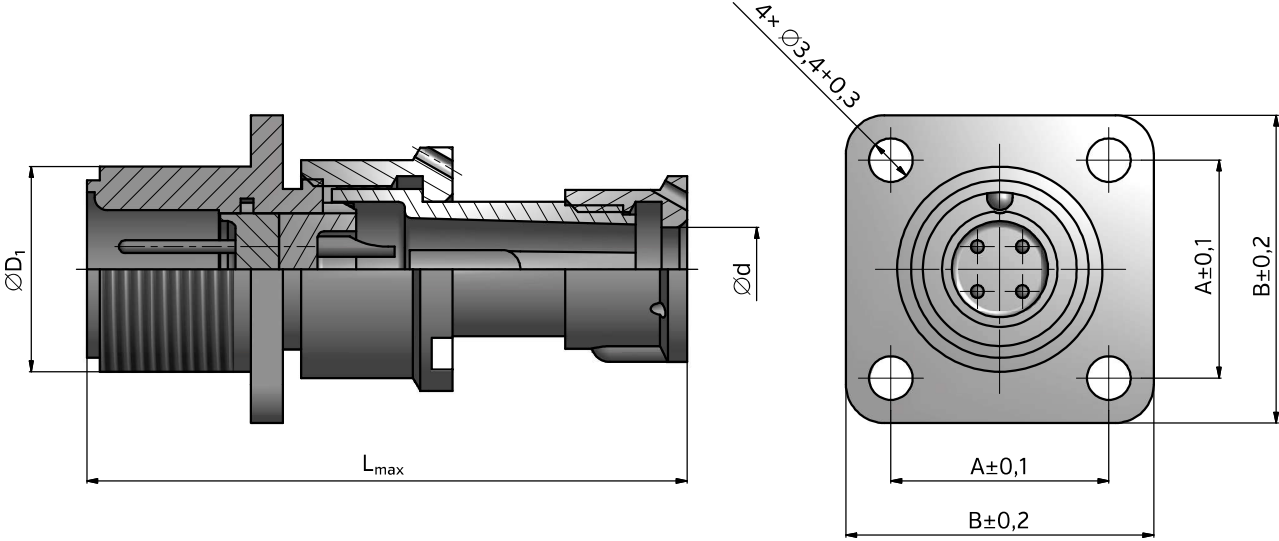
Code	Counterpart
2RM XX B YY G ZZ V1/A1	2RM XX KPE YY S ZZ V1/A1
	2RM XX KPN YY S ZZ V1/A1
	2RM XX KUE YY S ZZ V1/A1
	2RM XX KUN YY S ZZ V1/A1
2RMD XX B YY G ZZ V1/A1	2RMD XX KPE YY S ZZ V1/A1
	2RMD XX KPN YY S ZZ V1/A1
	2RMD XX KUE YY S ZZ V1/A1
	2RMD XX KUN YY S ZZ V1/A1

XX - housing size • YY - number of contacts • ZZ - pinout identifier number  
V1 - silver-plated contacts or A1 - gold-plated contacts

## Order example

Panel Mount Female Receptacle		2RM	22	B	10	G	1	V1
Straight Cable Mount Unshielded Male Plug		2RM	22	KPN	10	S	1	V1

STRAIGHT CABLE MOUNT SHIELDED MALE RECEPTACLE  
2RM\_BPE\_S\_V1 (A1)  
2RMD\_BPE\_S\_V1 (A1)



Size	Code	Diagram	Contact				Connector			Dimensions [mm]			
			id.	n	Ø [mm]	I <sub>n</sub> [A]	I <sub>n</sub> [A]	U <sub>n</sub> [V]	A	B	D <sub>1</sub>	L <sub>max</sub>	d
14	2RM14BPE4S1V1			4	1	8	27	500	17	24	M16×1	48	6.5
18	2RMD18BPE4S5V1			4	1.5	15	50	500	20	27	M20×1	48	10.5
	2RM18BPE7S1V1			7	1	7	40	500	20	27	M20×1	48	10.5
22	2RM22BPE4S3V1			2	2	18	80	500	23	30	M24×1	48	14
	2RM22BPE10S1V1			10	1	7	58	500	23	30	M24×1	48	14
24	2RM24BPE19S1V1			19	1	7	76	500	26	33	M27×1.5	54	16
	2RMD24BPE10S5V1			10	1.5	15	100	500	26	33	M27×1.5	54	16
27	2RMD27BPE7S5V1			7	1.5	15	84	500	29	36	M30×1.5	54	18
	2RMD27BPE19S5V1			19	1.5	15	133	500	29	36	M30×1.5	54	18



Size	Code	Diagram	Contact				Connector			Dimensions [mm]			
			id.	n	∅ [mm]	I <sub>n</sub> [A]	I <sub>n</sub> [A]	U <sub>n</sub> [V]	A	B	D <sub>1</sub>	L <sub>max</sub>	d
<b>27</b>	2RM27BPE24S1V1			24	1	7	96	500	29	36	M30×1.5	54	18
<b>30</b>	2RMD30BPE8S7V1			4	1.5	15	114	500	31	38	M33×1.5	54	19
				2	2	20							
				2	3	36							
	2RMD30BPE24S5V1			24	1.5	15	168	500	31	38	M33×1.5	54	19
	2RM30BPE32S1V1			32	1	7	112	500	31	38	M33×1.5	54	19
<b>33</b>	2RMD33BPE7S9V1			7	3	36	128	500	32	40	M36×1.5	59	23
	2RM33BPE20S4V1			18	1	6	110	500	32	40	M36×1.5	59	23
				2	3	36							
	2RMD33BPE32S5V1			32	1.5	6	160	500	32	40	M36×1.5	59	23

## Available mating combinations

Code	Counterpart
2RM XX BPE YY S ZZ V1/A1	2RM XX KPE YY G ZZ V1/A1
	2RM XX KUE YY G ZZ V1/A1
2RMD XX BPE YY S ZZ V1/A1	2RMD XX KPE YY G ZZ V1/A1
	2RMD XX KUE YY G ZZ V1/A1

XX – housing size • YY – number of contacts • ZZ – pinout identifier number  
V1 – silver-plated contacts or A1 – gold-plated contacts

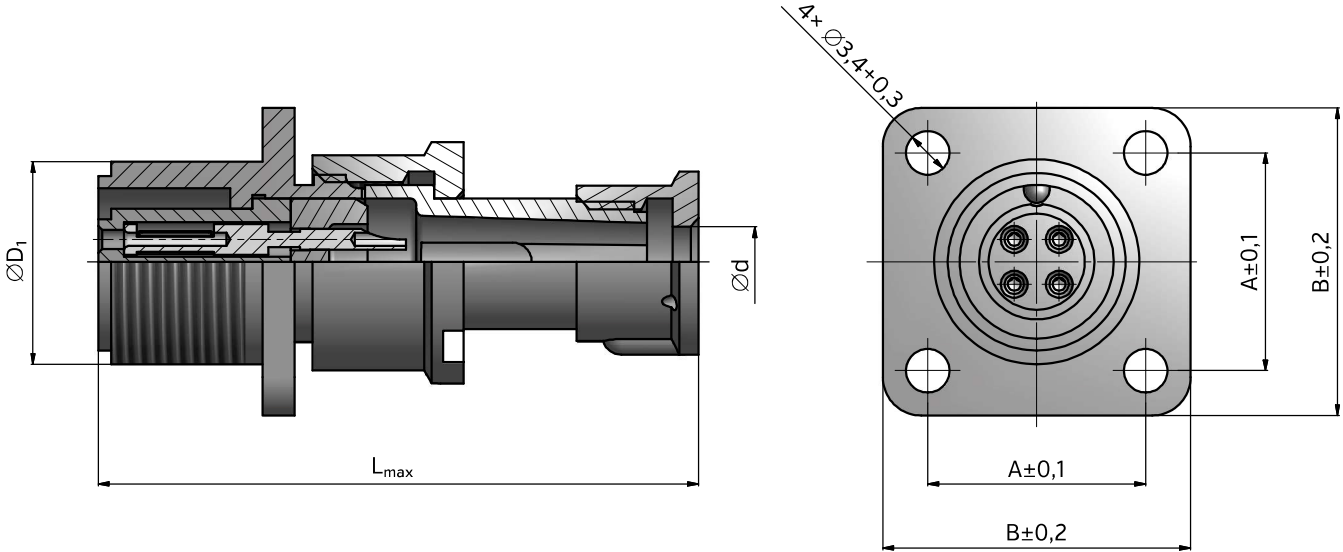
## Order example

Straight Cable Mount Shielded Male Receptacle		2RM	22	BPE	10	S	1	V1
Straight Cable Mount Shielded Female Plug		2RM	22	KPE	10	G	1	V1

STRAIGHT CABLE MOUNT SHIELDED FEMALE RECEPTACLE

2RM\_BPE\_G\_V1 (A1)

2RMD\_BPE\_G\_V1 (A1)



Size	Code	Diagram	Contact				Connector			Dimensions [mm]			
			id.	n	∅ [mm]	I <sub>n</sub> [A]	I <sub>n</sub> [A]	U <sub>n</sub> [V]	A	B	D <sub>1</sub>	L <sub>max</sub>	d
14	2RM14BPE4G1V1			4	1	8	27	500	17	24	M16×1	48	6.5
18	2RMD18BPE4G5V1			4	1.5	15	50	500	20	27	M20×1	48	10.5
	2RM18BPE7G1V1			7	1	7	40	500	20	27	M20×1	48	10.5
22	2RM22BPE4G3V1			2	2	18	80	500	23	30	M24×1	48	14
	2RM22BPE10G1V1			10	1	7	58	500	23	30	M24×1	48	14
24	2RM24BPE19G1V1			19	1	7	76	500	26	33	M27×1.5	54	16
	2RMD24BPE10G5V1			10	1.5	15	100	500	26	33	M27×1.5	54	16
27	2RMD27BPE7G5V1			7	1.5	15	84	500	29	36	M30×1.5	54	18
	2RMD27BPE19G5V1			19	1.5	15	133	500	29	36	M30×1.5	54	18

Size	Code	Diagram	Contact				Connector			Dimensions [mm]			
			id.	n	∅ [mm]	I <sub>n</sub> [A]	I <sub>n</sub> [A]	U <sub>n</sub> [V]	A	B	D <sub>1</sub>	L <sub>max</sub>	d
<b>27</b>	2RM27BPE24G1V1			24	1	7	96	500	29	36	M30×1.5	54	18
<b>30</b>	2RMD30BPE8G7V1			4	1.5	15	114	500	31	38	M33×1.5	54	19
				2	2	20							
				2	3	36							
	2RMD30BPE24G5V1			24	1.5	15	168	500	31	38	M33×1.5	54	19
	2RM30BPE32G1V1			32	1	7	112	500	31	38	M33×1.5	54	19
<b>33</b>	2RMD33BPE7G9V1			7	3	36	128	500	32	40	M36×1.5	59	23
	2RM33BPE20G4V1			18	1	6	110	500	32	40	M36×1.5	59	23
				2	3	36							
	2RMD33BPE32G5V1			32	1.5	6	160	500	32	40	M36×1.5	59	23

## Available mating combinations

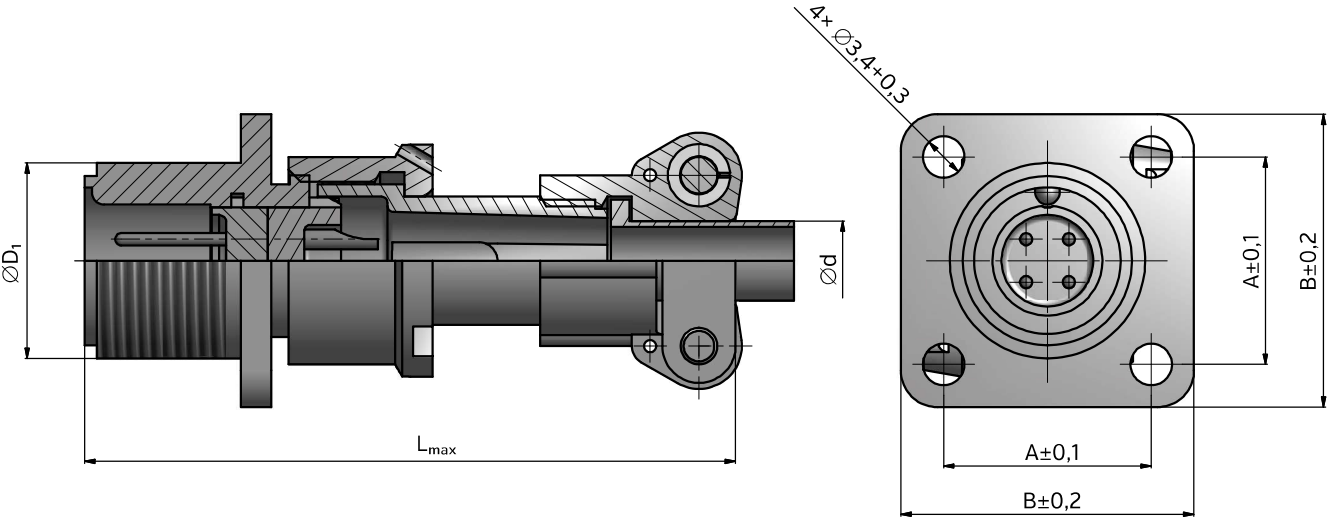
Code	Counterpart
2RM XX BPE YY G ZZ V1/A1	2RM XX KPE YY S ZZ V1/A1
	2RM XX KUE YY S ZZ V1/A1
2RMD XX BPE YY G ZZ V1/A1	2RMD XX KPE YY S ZZ V1/A1
	2RMD XX KUE YY S ZZ V1/A1











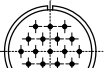

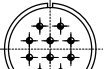

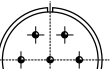

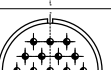

XX – housing size • YY – number of contacts • ZZ – pinout identifier number  
V1 – silver-plated contacts or A1 – gold-plated contacts

## Order example

Straight Cable Mount Shielded Female Receptacle	2RM	22	BPE	10	G	1	V1
Straight Cable Mount Shielded Male Plug	2RM	22	KPE	10	S	1	V1

STRAIGHT CABLE MOUNT UNSHIELDED MALE RECEPTACLE  
2RM\_BPN\_S\_V1 (A1)  
2RMD\_BPN\_S\_V1 (A1)



Size	Code	Diagram	Contact				Connector		Dimensions [mm]				
			id.	n	∅ [mm]	I <sub>n</sub> [A]	I <sub>n</sub> [A]	U <sub>n</sub> [V]	A	B	D <sub>1</sub>	L <sub>max</sub>	d
14	2RM14BPN4S1V1			4	1	8	27	500	17	24	M16×1	55.5	6.5
18	2RMD18BPN4S5V1			4	1.5	15	50	500	20	27	M20×1	55.5	10.5
	2RM18BPN7S1V1			7	1	7	40	500	20	27	M20×1	55.5	10.5
22	2RM22BPN4S3V1			2 2	2 3	18 32	80	500	23	30	M24×1	56	14.5
	2RM22BPN10S1V1			10	1	7	58	500	23	30	M24×1	56	14.5
24	2RM24BPN19S1V1			19	1	7	76	500	26	33	M27×1.5	63	16.5
	2RMD24BPN10S5V1			10	1.5	15	100	500	26	33	M27×1.5	63	16.5
27	2RMD27BPN7S5V1			7	1.5	15	84	500	29	36	M30×1.5	63	18.5
	2RMD27BPN19S5V1			19	1.5	15	133	500	29	36	M30×1.5	63	18.5



Size	Code	Diagram	Contact				Connector			Dimensions [mm]			
			id.	n	∅ [mm]	I <sub>n</sub> [A]	I <sub>n</sub> [A]	U <sub>n</sub> [V]	A	B	D <sub>1</sub>	L <sub>max</sub>	d
<b>27</b>	2RM27BPN24S1V1			24	1	7	96	500	29	36	M30×1.5	63	18.5
<b>30</b>	2RMD30BPN8S7V1			4	1.5	15	114	500	31	38	M33×1.5	63	20.5
				2	2	20							
				2	3	36							
	2RMD30BPN24S5V1			24	1.5	15	168	500	31	38	M33×1.5	63	20.5
	2RM30BPN32S1V1			32	1	7	112	500	31	38	M33×1.5	63	20.5
<b>33</b>	2RMD33BPN7S9V1			7	3	36	128	500	32	40	M36×1.5	68	22.5
	2RM33BPN20S4V1			18	1	6	110	500	32	40	M36×1.5	68	22.5
				2	3	36							
	2RMD33BPN32S5V1			32	1.5	6	160	500	32	40	M36×1.5	68	22.5

## Available mating combinations

Code	Counterpart
2RM XX BPN YY S ZZ V1/A1	2RM XX KPN YY G ZZ V1/A1
	2RM XX KUN YY G ZZ V1/A1
2RMD XX BPN YY S ZZ V1/A1	2RMD XX KPN YY G ZZ V1/A1
	2RMD XX KUN YY G ZZ V1/A1

XX – housing size • YY – number of contacts • ZZ – pinout identifier number  
V1 – silver-plated contacts or A1 – gold-plated contacts

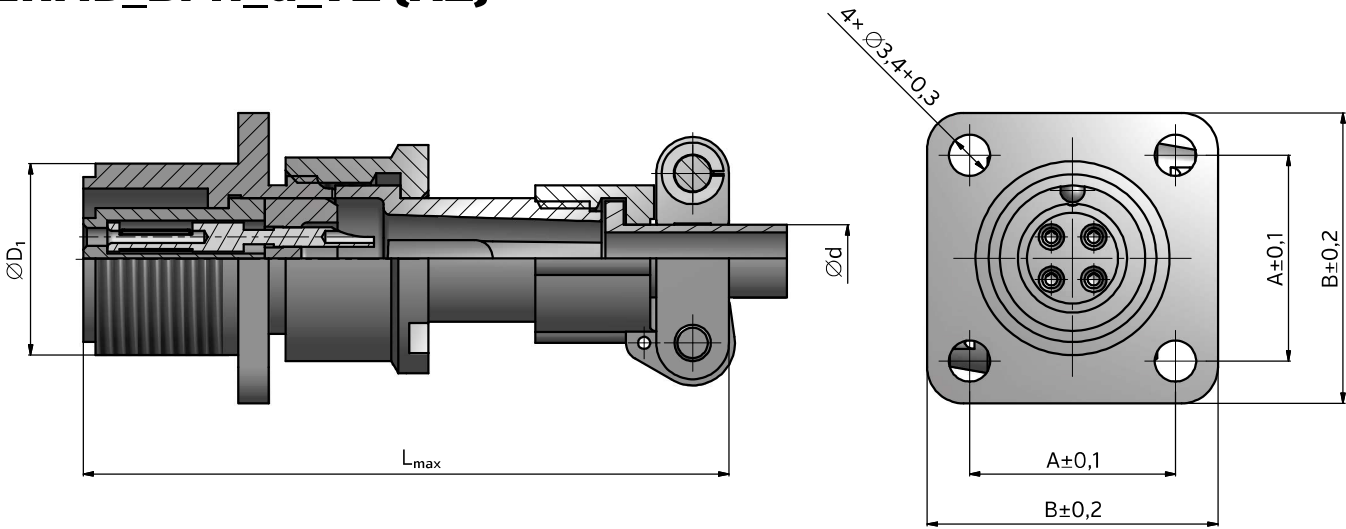
## Order example

Straight Cable Mount Unshielded Male Receptacle	2RM	22	BPN	10	S	1	V1
Straight Cable Mount Unshielded Female Plug	2RM	22	KPN	10	G	1	V1

STRAIGHT CABLE MOUNT UNSHIELDED FEMALE RECEPTACLE

2RM\_BPN\_G\_V1 (A1)

2RMD\_BPN\_G\_V1 (A1)



Size	Code	Diagram	Contact				Connector			Dimensions [mm]				
			id.	n	∅ [mm]	I <sub>n</sub> [A]	I <sub>n</sub> [A]	U <sub>n</sub> [V]	A	B	D <sub>1</sub>	L <sub>max</sub>	d	
14	2RM14BPN4G1V1			4	1	8	27	500	17	24	M16×1	55.5	6.5	
18	2RMD18BPN4G5V1			4	1.5	15	50	500	20	27	M20×1	55.5	10.5	
	2RM18BPN7G1V1			7	1	7	40	500	20	27	M20×1	55.5	10.5	
22	2RM22BPN4G3V1			2	2	18	80	500	23	30	M24×1	56	14.5	
	2RM22BPN10G1V1			10	1	7	58	500	23	30	M24×1	56	14.5	
24	2RM24BPN19G1V1			19	1	7	76	500	26	33	M27×1.5	63	16.5	
	2RMD24BPN10G5V1			10	1.5	15	100	500	26	33	M27×1.5	63	16.5	
27	2RMD27BPN7G5V1			7	1.5	15	84	500	29	36	M30×1.5	63	18.5	
	2RMD27BPN19G5V1			19	1.5	15	133	500	29	36	M30×1.5	63	18.5	

Size	Code	Diagram	Contact				Connector			Dimensions [mm]			
			id.	n	∅ [mm]	I <sub>n</sub> [A]	I <sub>n</sub> [A]	U <sub>n</sub> [V]	A	B	D <sub>1</sub>	L <sub>max</sub>	d
<b>27</b>	2RM27BPN24G1V1			24	1	7	96	500	29	36	M30×1.5	63	18.5
<b>30</b>	2RMD30BPN8G7V1			4	1.5	15	114	500	31	38	M33×1.5	63	20.5
	2RMD30BPN24G5V1			24	1.5	15	168	500	31	38	M33×1.5	63	20.5
	2RM30BPN32G1V1			32	1	7	112	500	31	38	M33×1.5	63	20.5
<b>33</b>	2RMD33BPN7G9V1			7	3	36	128	500	32	40	M36×1.5	68	22.5
	2RM33BPN20G4V1			18	1	6	110	500	32	40	M36×1.5	68	22.5
	2RMD33BPN32G5V1			32	1.5	6	160	500	32	40	M36×1.5	68	22.5

## Available mating combinations

Code	Counterpart
2RM XX BPN YY G ZZ V1/A1	2RM XX KPN YY S ZZ V1/A1
	2RM XX KUN YY S ZZ V1/A1
2RMD XX BPN YY G ZZ V1/A1	2RMD XX KPN YY S ZZ V1/A1
	2RMD XX KUN YY S ZZ V1/A1

XX – housing size • YY – number of contacts • ZZ – pinout identifier number  
V1 – silver-plated contacts or A1 – gold-plated contacts

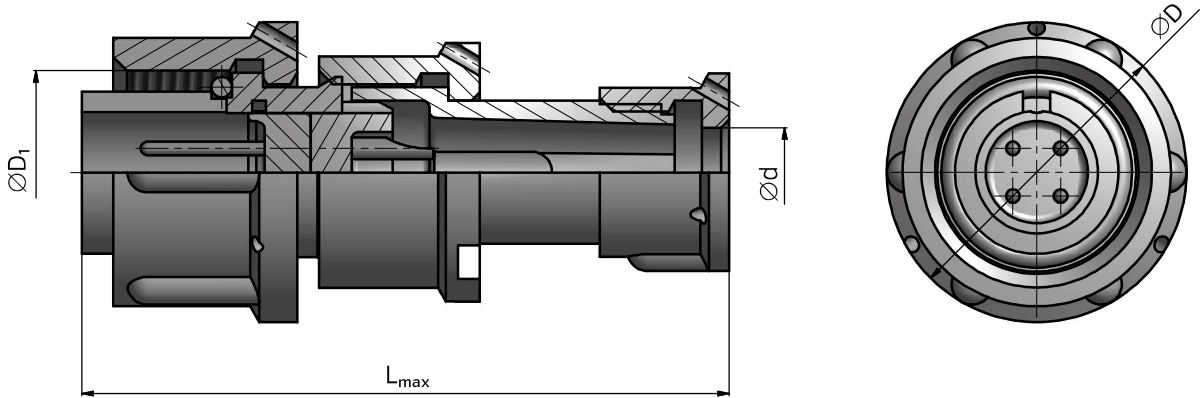
## Order example

Straight Cable Mount Unshielded Female Receptacle		2RM	22	BPN	10	G	1	V1
Straight Cable Mount Unshielded Male Plug		2RM	22	KPN	10	S	1	V1

STRAIGHT CABLE MOUNT SHIELDED MALE PLUG

2RM\_KPE\_S\_V1 (A1)

2RMD\_KPE\_S\_V1 (A1)



Size	Code	Diagram	Contact				Connector		Dimensions [mm]			
			id.	n	Ø [mm]	I <sub>n</sub> [A]	I <sub>n</sub> [A]	U <sub>n</sub> [V]	D	D <sub>1</sub>	L <sub>max</sub>	d
14	2RM14KPE4S1V1			4	1	8	27	500	21.5	M16×1	48	6.5
18	2RMD18KPE4S5V1			4	1.5	15	50	500	25.5	M20×1	48	10.5
	2RM18KPE7S1V1			7	1	7	40	500	25.5	M20×1	48	10.5
22	2RM22KPE4S3V1			2	2	18	80	500	29.5	M24×1	48	14
	2RM22KPE10S1V1			10	1	7	58	500	29.5	M24×1	48	14
24	2RM24KPE19S1V1			19	1	7	76	500	32.5	M27×1.5	54	16
	2RMD24KPE10S5V1			10	1.5	15	100	500	32.5	M27×1.5	54	16
27	2RMD27KPE7S5V1			7	1.5	15	84	500	35.5	M30×1.5	54	18
	2RMD27KPE19S5V1			19	1.5	15	133	500	35.5	M30×1.5	54	18
	2RM27KPE24S1V1			24	1	7	96	500	35.5	M30×1.5	54	18



Size	Code	Diagram	Contact				Connector		Dimensions [mm]			
			id.	n	∅ [mm]	I <sub>n</sub> [A]	I <sub>n</sub> [A]	U <sub>n</sub> [V]	D	D <sub>1</sub>	L <sub>max</sub>	d
30	2RMD30KPE8S7V1			4	1.5	15	114	500	39.5	M33×1.5	54	19
		2	2	20								
		2	3	36								
	2RMD30KPE24S5V1			24	1.5	15	168	500	39.5	M33×1.5	54	19
	2RM30KPE32S1V1			32	1	7	112	500	39.5	M33×1.5	54	19
33	2RMD33KPE7S9V1			7	3	36	128	500	42.5	M36×1.5	59	23
	2RM33KPE20S4V1			18	1	6	110	500	42.5	M36×1.5	59	23
		2	3	36								
	2RMD33KPE32S5V1			32	1.5	6	160	500	42.5	M36×1.5	59	23

## Available mating combinations

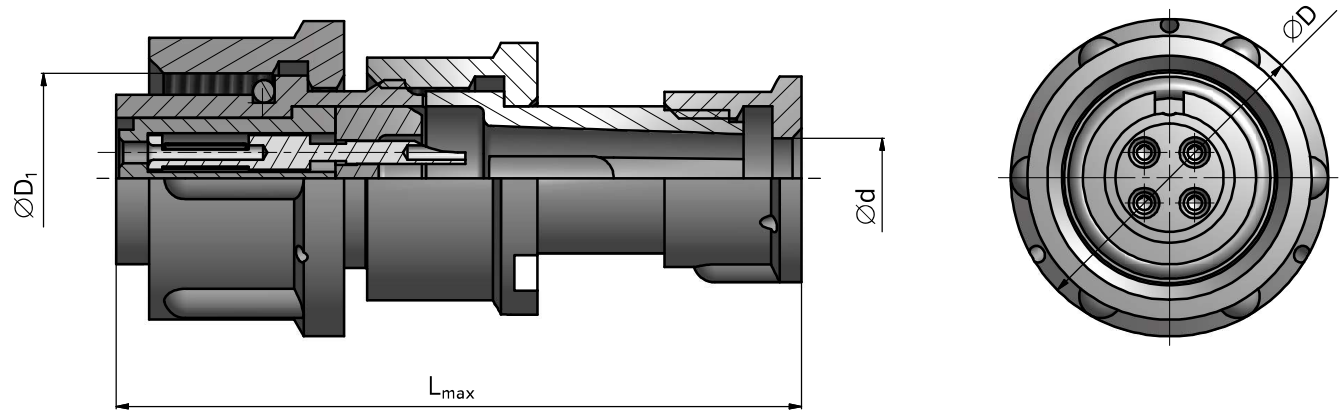
Code	Counterpart
2RM XX KPE YY S ZZ V1/A1	2RM XX B YY G ZZ V1/A1
	2RM XX BPE YY G ZZ V1/A1
2RMD XX KPE YY S ZZ V1/A1	2RMD XX B YY G ZZ V1/A1
	2RMD XX BPE YY G ZZ V1/A1












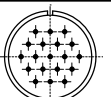

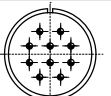

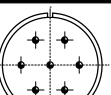

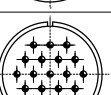

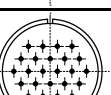

XX – housing size • YY – number of contacts • ZZ – pinout identifier number  
V1 – silver-plated contacts or A1 – gold-plated contacts

## Order example

Straight Cable Mount Shielded Male Plug		2RM	22	KPE	10	S	1	V1
Panel Mount Female Receptacle		2RM	22	B	10	G	1	V1

STRAIGHT CABLE MOUNT SHIELDED FEMALE PLUG  
2RM\_KPE\_G\_V1 (A1)  
2RMD\_KPE\_G\_V1 (A1)



Size	Code	Diagram	Contact				Connector		Dimensions [mm]			
			id.	n	∅ [mm]	I <sub>n</sub> [A]	I <sub>n</sub> [A]	U <sub>n</sub> [V]	D	D <sub>1</sub>	L <sub>max</sub>	d
14	2RM14KPE4G1V1			4	1	8	27	500	21.5	M16×1	48	6.5
18	2RMD18KPE4G5V1			4	1.5	15	50	500	25.5	M20×1	48	10,5
	2RM18KPE7G1V1			7	1	7	40	500	25.5	M20×1	48	10,5
22	2RM22KPE4G3V1		 	2 2	2 3	18 36	80	500	29.5	M24×1	48	14
	2RM22KPE10G1V1			10	1	7	58	500	29.5	M24×1	48	14
24	2RM24KPE19G1V1			19	1	7	76	500	32.5	M27×1,5	54	16
	2RMD24KPE10G5V1			10	1.5	15	100	500	32.5	M27×1,5	54	16
27	2RMD27KPE7G5V1			7	1.5	15	84	500	35.5	M30×1,5	54	18
	2RMD27KPE19G5V1			19	1.5	15	133	500	35.5	M30×1,5	54	18
	2RM27KPE24G1V1			24	1	7	96	500	35.5	M30×1,5	54	18

Size	Code	Diagram	Contact				Connector		Dimensions [mm]			
			id.	n	∅ [mm]	I <sub>n</sub> [A]	I <sub>n</sub> [A]	U <sub>n</sub> [V]	D	D <sub>1</sub>	L <sub>max</sub>	d
30	2RMD30KPE8G7V1			4	1.5	15						
				2	2	20	114	500	39.5	M33×1.5	54	19
				2	3	36						
	2RMD30KPE24G5V1			24	1.5	15	168	500	39.5	M33×1.5	54	19
	2RM30KPE32G1V1			32	1	7	112	500	39.5	M33×1.5	54	19
33	2RMD33KPE7G9V1			7	3	36	128	500	42.5	M36×1.5	59	23
	2RM33KPE20G4V1			18	1	6	110	500	42.5	M36×1.5	59	23
				2	3	36						
	2RMD33KPE32G5V1			32	1.5	6	160	500	42.5	M36×1.5	59	23

## Available mating combinations

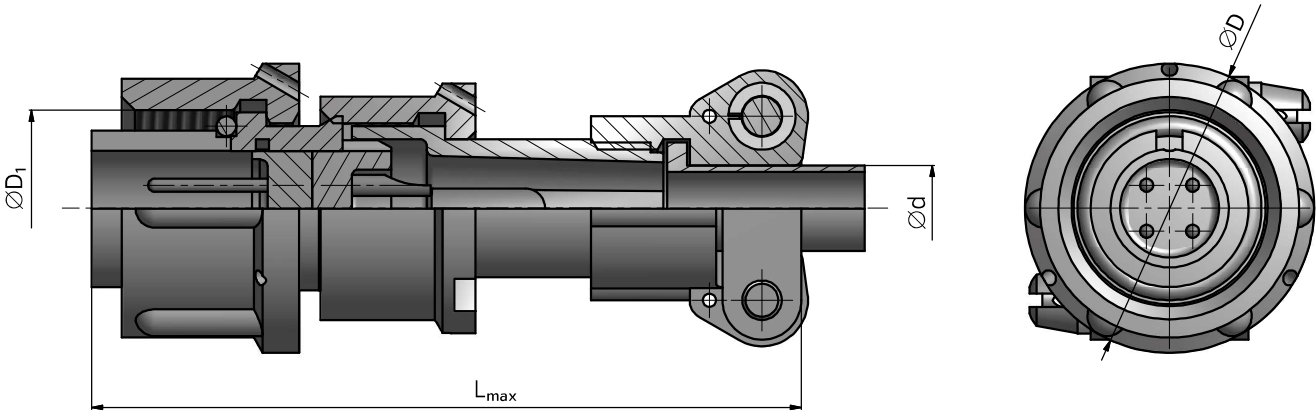
Code	Counterpart
2RM XX KPE YY G ZZ V1/A1	2RM XX B YY S ZZ V1/A1
	2RM XX BPE YY S ZZ V1/A1
2RMD XX KPE YY G ZZ V1/A1	2RMD XX B YY S ZZ V1/A1
	2RMD XX BPE YY S ZZ V1/A1











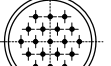

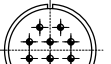

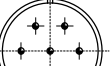

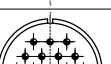



XX – housing size • YY – number of contacts • ZZ – pinout identifier number  
V1 – silver-plated contacts or A1 – gold-plated contacts

## Order example

Straight Cable Mount Shielded Female Plug		2RM	22	KPE	10	G	1	V1
Panel Mount Male Receptacle		2RM	22	B	10	S	1	V1

STRAIGHT CABLE MOUNT UNSHIELDED MALE PLUG  
2RM\_KPN\_S\_V1 (A1)  
2RMD\_KPN\_S\_V1 (A1)



Size	Code	Diagram	Contact				Connector		Dimensions [mm]			
			id.	n	∅ [mm]	I <sub>n</sub> [A]	I <sub>n</sub> [A]	U <sub>n</sub> [V]	D	D <sub>1</sub>	L <sub>max</sub>	d
14	2RM14KPN4S1V1			4	1	8	27	500	21.5	M16×1	54	6.5
18	2RMD18KPN4S5V1			4	1.5	15	50	500	25.5	M20×1	54	10.5
	2RM18KPN7S1V1			7	1	7	40	500	25.5	M20×1	54	10.5
22	2RM22KPN4S3V1			2	2	18	80	500	29.5	M24×1	56	14.5
	2RM22KPN10S1V1			10	1	7	58	500	29.5	M24×1	56	14.5
24	2RM24KPN19S1V1			19	1	7	76	500	32.5	M27×1.5	63	16.5
	2RMD24KPN10S5V1			10	1.5	15	100	500	32.5	M27×1.5	63	16.5
27	2RMD27KPN7S5V1			7	1.5	15	84	500	35.5	M30×1.5	63	18.5
	2RMD27KPN19S5V1			19	1.5	15	133	500	35.5	M30×1.5	63	18.5
	2RM27KPN24S1V1			24	1	7	96	500	35.5	M30×1.5	63	18.5



Size	Code	Diagram	Contact				Connector		Dimensions [mm]			
			id.	n	∅ [mm]	I <sub>n</sub> [A]	I <sub>n</sub> [A]	U <sub>n</sub> [V]	D	D <sub>1</sub>	L <sub>max</sub>	d
30	2RMD30KPN8S7V1			4	1.5	15						
				2	2	20	114	500	39.5	M33×1.5	63	20.5
				2	3	36						
	2RMD30KPN24S5V1			24	1.5	15	168	500	39.5	M33×1.5	63	20.5
	2RM30KPN32S1V1			32	1	7	112	500	39.5	M33×1.5	63	20.5
33	2RMD33KPN7S9V1			7	3	36	128	500	42.5	M36×1.5	68	22.5
	2RM33KPN20S4V1			18	1	6	110	500	42.5	M36×1.5	68	22.5
				2	3	36						
	2RMD33KPN32S5V1			32	1.5	6	160	500	42.5	M36×1.5	68	22.5

## Available mating combinations

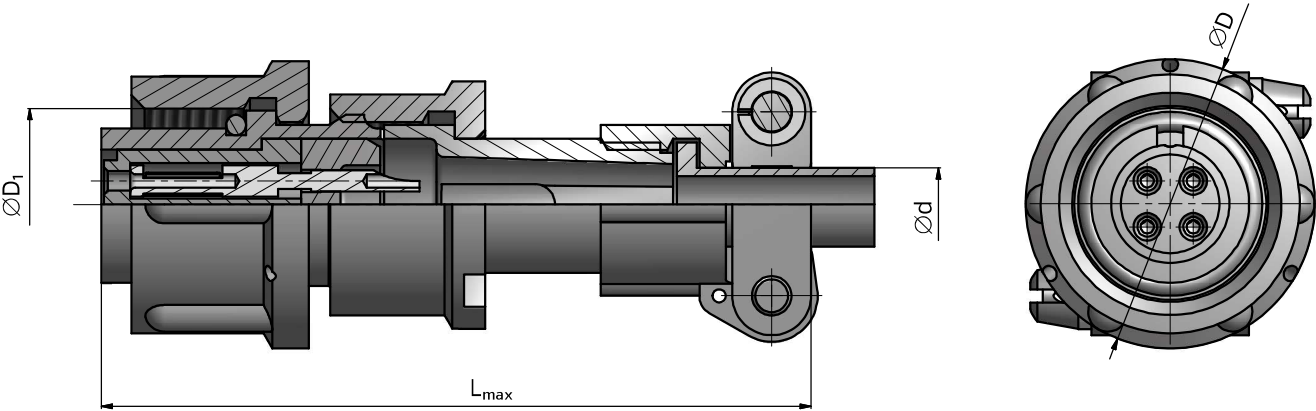
Code	Counterpart
2RM XX KPN YY S ZZ V1/A1	2RM XX B YY G ZZ V1/A1
	2RM XX BPN YY G ZZ V1/A1
2RMD XX KPN YY S ZZ V1/A1	2RMD XX B YY G ZZ V1/A1
	2RMD XX BPN YY G ZZ V1/A1











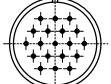

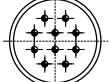

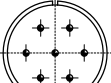

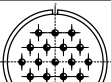

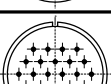

XX – housing size • YY – number of contacts • ZZ – pinout identifier number  
V1 – silver-plated contacts or A1 – gold-plated contacts

## Order example

Straight Cable Mount Unshielded Male Plug		2RM	22	KPN	10	S	1	V1
Panel Mount Female Receptacle		2RM	22	B	10	G	1	V1

STRAIGHT CABLE MOUNT UNSHIELDED FEMALE PLUG  
2RM\_KPN\_G\_V1 (A1)  
2RMD\_KPN\_G\_V1 (A1)



Size	Code	Diagram	Contact				Connector		Dimensions [mm]			
			id.	n	∅ [mm]	I <sub>n</sub> [A]	I <sub>n</sub> [A]	U <sub>n</sub> [V]	D	D <sub>1</sub>	L <sub>max</sub>	d
14	2RM14KPN4G1V1			4	1	8	27	500	21.5	M16×1	54	6.5
18	2RMD18KPN4G5V1			4	1.5	15	50	500	25.5	M20×1	54	10.5
	2RM18KPN7G1V1			7	1	7	40	500	25.5	M20×1	54	10.5
22	2RM22KPN4G3V1			2	2	18	80	500	29.5	M24×1	56	14.5
	2	3	36									
	2RM22KPN10G1V1			10	1	7	58	500	29.5	M24×1	56	14.5
24	2RM24KPN19G1V1			19	1	7	76	500	32.5	M27×1.5	63	16.5
	2RMD24KPN10G5V1			10	1.5	15	100	500	32.5	M27×1.5	63	16.5
27	2RMD27KPN7G5V1			7	1.5	15	84	500	35.5	M30×1.5	63	18.5
	2RMD27KPN19G5V1			19	1.5	15	133	500	35.5	M30×1.5	63	18.5
	2RM27KPN24G1V1			24	1	7	96	500	35.5	M30×1.5	63	18.5

Size	Code	Diagram	Contact				Connector		Dimensions [mm]			
			id.	n	∅ [mm]	I <sub>n</sub> [A]	I <sub>n</sub> [A]	U <sub>n</sub> [V]	D	D <sub>1</sub>	L <sub>max</sub>	d
30	2RMD30KPN8G7V1			4	1.5	15						
				2	2	20	114	500	39.5	M33×1.5	63	20.5
				2	3	36						
	2RMD30KPN24G5V1			24	1.5	15	168	500	39.5	M33×1.5	63	20.5
	2RM30KPN32G1V1			32	1	7	112	500	39.5	M33×1.5	63	20.5
33	2RMD33KPN7G9V1			7	3	36	128	500	42.5	M36×1.5	68	22.5
	2RM33KPN20G4V1			18	1	6						
				2	3	36	110	500	42.5	M36×1.5	68	22.5
	2RMD33KPN32G5V1			32	1.5	6	160	500	42.5	M36×1.5	68	22.5

## Available mating combinations

Code	Counterpart
2RM XX KPN YY G ZZ V1/A1	2RM XX B YY S ZZ V1/A1
	2RM XX BPN YY S ZZ V1/A1
2RMD XX KPN YY G ZZ V1/A1	2RMD XX B YY S ZZ V1/A1
	2RMD XX BPN YY S ZZ V1/A1

XX – housing size • YY – number of contacts • ZZ – pinout identifier number  
V1 – silver-plated contacts or A1 – gold-plated contacts

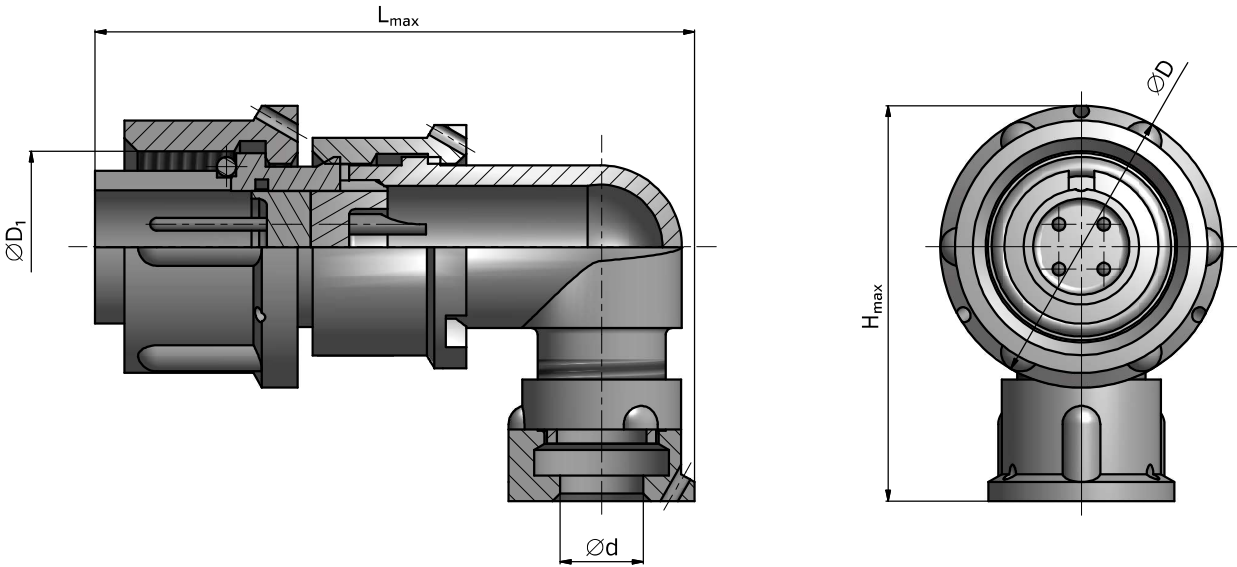
## Order example

Straight Cable Mount Unshielded Female Plug		2RM	22	KPN	10	G	1	V1
Panel Mount Male Receptacle		2RM	22	B	10	S	1	V1

ANGLED CABLE MOUNT SHIELDED MALE PLUG

2RM\_KUE\_S\_V1 (A1)

2RMD\_KUE\_S\_V1 (A1)



Size	Code	Diagram	Contact				Connector			Dimensions [mm]			
			id.	n	Ø [mm]	I <sub>n</sub> [A]	I <sub>n</sub> [A]	U <sub>n</sub> [V]	D	D <sub>1</sub>	H <sub>max</sub>	L <sub>max</sub>	d
14	2RM14KUE4S1V1			4	1	8	27	500	21.5	M16×1	31	48.5	6.5
18	2RMD18KUE4S5V1			4	1.5	15	50	500	25.5	M20×1	34	52	10.5
	2RM18KUE7S1V1			7	1	7	40	500	25.5	M20×1	34	52	10.5
22	2RM22KUE4S3V1			2	2	18	80	500	29.5	M24×1	39	56	14
	2RM22KUE10S1V1			10	1	7	58	500	29.5	M24×1	39	56	14
24	2RM24KUE19S1V1			19	1	7	76	500	32.5	M27×1.5	41	58	16
	2RMD24KUE10S5V1			10	1.5	15	100	500	32.5	M27×1.5	41	58	16

Size	Code	Diagram	Contact				Connector		Dimensions [mm]				
			id.	n	∅ [mm]	I <sub>n</sub> [A]	I <sub>n</sub> [A]	U <sub>n</sub> [V]	D	D <sub>1</sub>	H <sub>max</sub>	L <sub>max</sub>	d
27	2RMD27KUE7S5V1			7	1.5	15	84	500	35.5	M30×1.5	44	60	18
	2RMD27KUE19S5V1			19	1.5	15	133	500	35.5	M30×1.5	44	60	18
	2RM27KUE24S1V1			24	1	7	96	500	35.5	M30×1.5	44	60	18
30	2RMD30KUE8S7V1			4 2 2	1.5 2 3	15 20 36	114	500	39.5	M33×1.5	49	62	19
	2RMD30KUE24S5V1			24	1.5	15	168	500	39.5	M33×1.5	49	62	19
	2RM30KUE32S1V1			32	1	7	112	500	39.5	M33×1.5	49	62	19
33	2RMD33KUE32S5V1			32	1.5	6	160	500	42.5	M36×1.5	52	65	23

## Available mating combinations

Code	Counterpart
2RM XX KUE YY S ZZ V1/A1	2RM XX B YY G ZZ V1/A1
	2RM XX BPE YY G ZZ V1/A1
2RMD XX KUE YY S ZZ V1/A1	2RMD XX B YY G ZZ V1/A1
	2RMD XX BPE YY G ZZ V1/A1

XX - housing size • YY - number of contacts • ZZ - pinout identifier number  
V1 - silver-plated contacts or A1 - gold-plated contacts

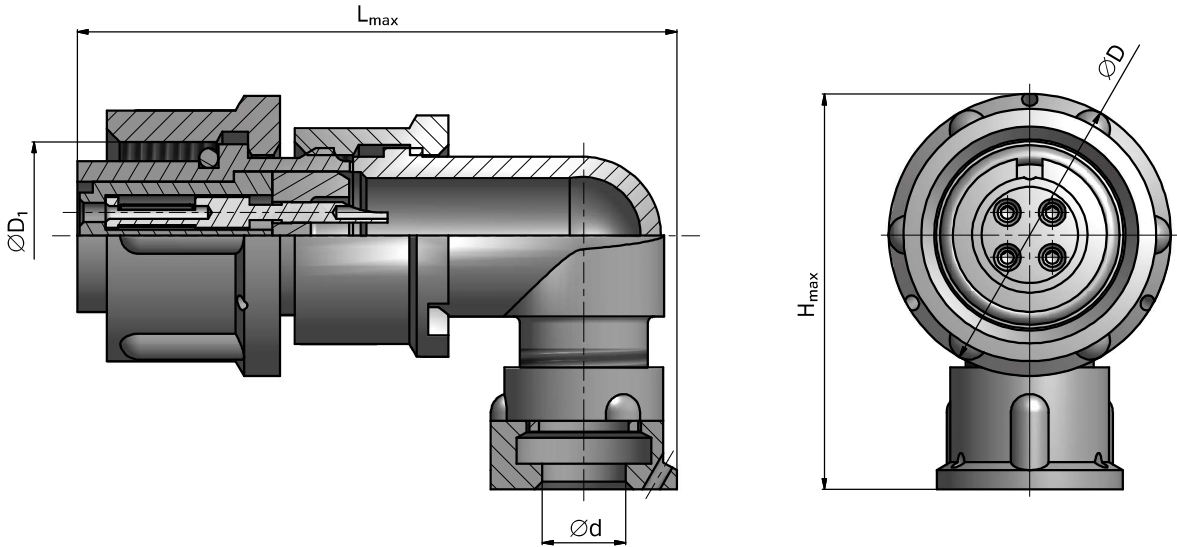
## Order example

Angled Cable Mount Shielded Male Plug		2RM	22	KUE	10	S	1	V1
Panel Mount Female Receptacle		2RM	22	B	10	G	1	V1

ANGLED CABLE MOUNT SHIELDED FEMALE PLUG

2RM\_KUE\_G\_V1 (A1)

2RMD\_KUE\_G\_V1 (A1)



Size	Code	Diagram	Contact				Connector		Dimensions [mm]				
			id.	n	Ø [mm]	I <sub>n</sub> [A]	I <sub>n</sub> [A]	U <sub>n</sub> [V]	D	D <sub>1</sub>	H <sub>max</sub>	L <sub>max</sub>	d
14	2RM14KUE4G1V1			4	1	8	27	500	21.5	M16×1	31	48.5	6.5
18	2RMD18KUE4G5V1			4	1.5	15	50	500	25.5	M20×1	34	52	10.5
	2RM18KUE7G1V1			7	1	7	40	500	25.5	M20×1	34	52	10.5
22	2RM22KUE4G3V1			2	2	18	80	500	29.5	M24×1	39	56	14
	2RM22KUE10G1V1			10	1	7	58	500	29.5	M24×1	39	56	14
24	2RM24KUE19G1V1			19	1	7	76	500	32.5	M27×1.5	41	58	16
	2RMD24KUE10G5V1			10	1.5	15	100	500	32.5	M27×1.5	41	58	16
27	2RMD27KUE7G5V1			7	1.5	15	84	500	35.5	M30×1.5	44	60	18
	2RMD27KUE19G5V1			19	1.5	15	133	500	35.5	M30×1.5	44	60	18



Size	Code	Diagram	Contact				Connector			Dimensions [mm]			
			id.	n	∅ [mm]	I <sub>n</sub> [A]	I <sub>n</sub> [A]	U <sub>n</sub> [V]	D	D <sub>1</sub>	H <sub>max</sub>	L <sub>max</sub>	d
<b>27</b>	2RM27KUE24G1V1			24	1	7	96	500	35.5	M30×1.5	44	60	18
<b>30</b>	2RMD30KUE8G7V1			4	1.5	15	114	500	39.5	M33×1.5	49	62	19
				2	2	20							
				2	3	36							
	2RMD30KUE24G5V1			25	1.5	15	168	500	39.5	M33×1.5	49	62	19
	2RM30KUE32G1V1			32	1	7	112	500	39.5	M33×1.5	49	62	19
<b>33</b>	2RMD33KUE32G5V1			32	1.5	6	160	500	42.5	M36×1.5	52	65	23

## Available mating combinations

Code	Counterpart
2RM XX KUE YY G ZZ V1/A1	2RM XX B YY S ZZ V1/A1
	2RM XX BPE YY S ZZ V1/A1
2RMD XX KUE YY G ZZ V1/A1	2RMD XX B YY S ZZ V1/A1
	2RMD XX BPE YY S ZZ V1/A1

XX – housing size • YY – number of contacts • ZZ – pinout identifier number  
V1 – silver-plated contacts or A1 – gold-plated contacts

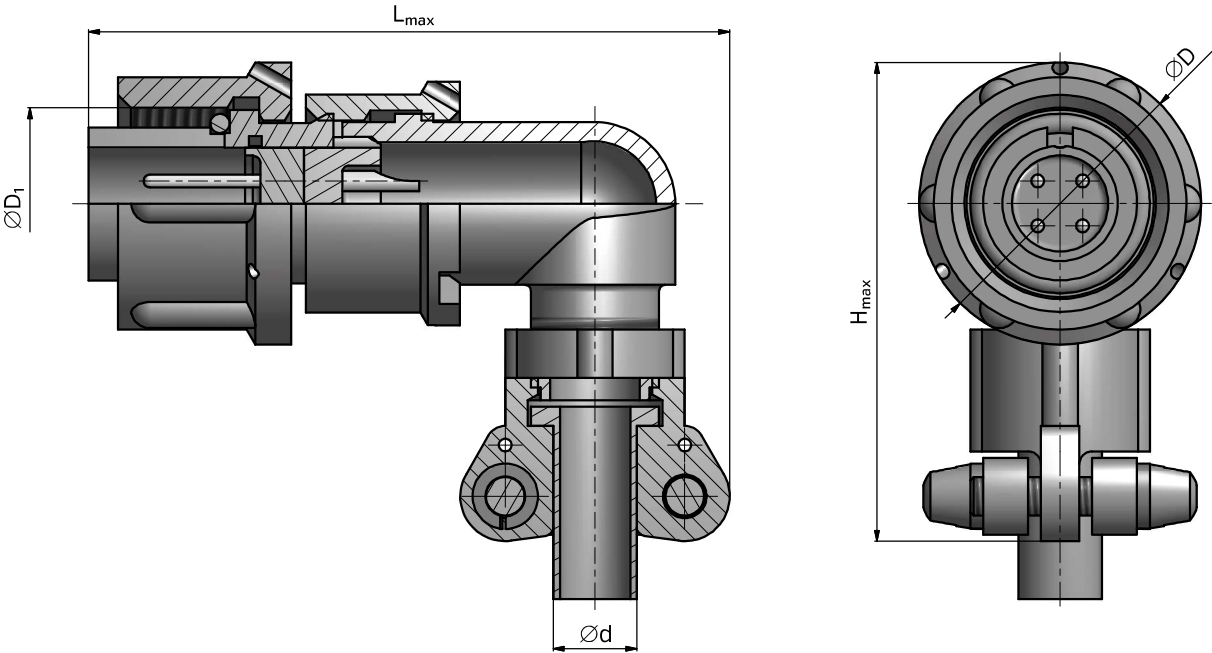
## Order example

Angled Cable Mount Shielded Female Plug		2RM	22	KUE	10	G	1	V1
Panel Mount Male Receptacle		2RM	22	B	10	S	1	V1

ANGLED CABLE MOUNT UNSHIELDED MALE PLUG

2RM\_KUN\_S\_V1 (A1)

2RMD\_KUN\_S\_V1 (A1)



Size	Code	Diagram	Contact			Connector			Dimensions [mm]				
			id.	n	Ø [mm]	I <sub>n</sub> [A]	I <sub>n</sub> [A]	U <sub>n</sub> [V]	D	D <sub>1</sub>	H <sub>max</sub>	L <sub>max</sub>	d
14	2RM14KUN4S1V1			4	1	8	27	500	21.5	M16×1	37	53	6.5
18	2RMD18KUN4S5V1			4	1.5	15	50	500	25.5	M20×1	41	58	10.5
	2RM18KUN7S1V1			7	1	7	40	500	25.5	M20×1	41	58	10.5
22	2RM22KUN4S3V1			2	2	18	80	500	29.5	M24×1	47.5	62	14.5
	2RM22KUN10S1V1			10	1	7	58	500	29.5	M24×1	47.5	62	14.5
24	2RM24KUN19S1V1			19	1	7	76	500	32.5	M27×1.5	50	64	16.5
	2RMD24KUN10S5V1			10	1.5	15	100	500	32.5	M27×1.5	50	64	16.5

Size	Code	Diagram	Contact				Connector		Dimensions [mm]				
			id.	n	∅ [mm]	I <sub>n</sub> [A]	I <sub>n</sub> [A]	U <sub>n</sub> [V]	D	D <sub>1</sub>	H <sub>max</sub>	L <sub>max</sub>	d
27	2RMD27KUN7S5V1			7	1.5	15	84	500	35.5	M30×1.5	53	66	18.5
	2RMD27KUN19S5V1			19	1.5	15	133	500	35.5	M30×1.5	53	66	18.5
	2RM27KUN24S1V1			24	1	7	96	500	35.5	M30×1.5	53	66	18.5
30	2RMD30KUN8S7V1			4 2 2	1.5 2 3	15 20 36	114	500	39.5	M33×1.5	57	71	20.5
	2RMD30KUN24S5V1			24	1.5	15	168	500	39.5	M33×1.5	57	71	20.5
	2RM30KUN32S1V1			32	1	7	112	500	39.5	M33×1.5	57	71	20.5
33	2RMD33KUN32S5V1			32	1.5	6	160	500	42.5	M36×1.5	60	71	22.5

## Available mating combinations

Code	Counterpart
2RM XX KUN YY S ZZ V1/A1	2RM XX B YY G ZZ V1/A1
	2RM XX BPN YY G ZZ V1/A1
2RMD XX KUN YY S ZZ V1/A1	2RMD XX B YY G ZZ V1/A1
	2RMD XX BPN YY G ZZ V1/A1

XX - housing size • YY - number of contacts • ZZ - pinout identifier number  
V1 - silver-plated contacts or A1 - gold-plated contacts

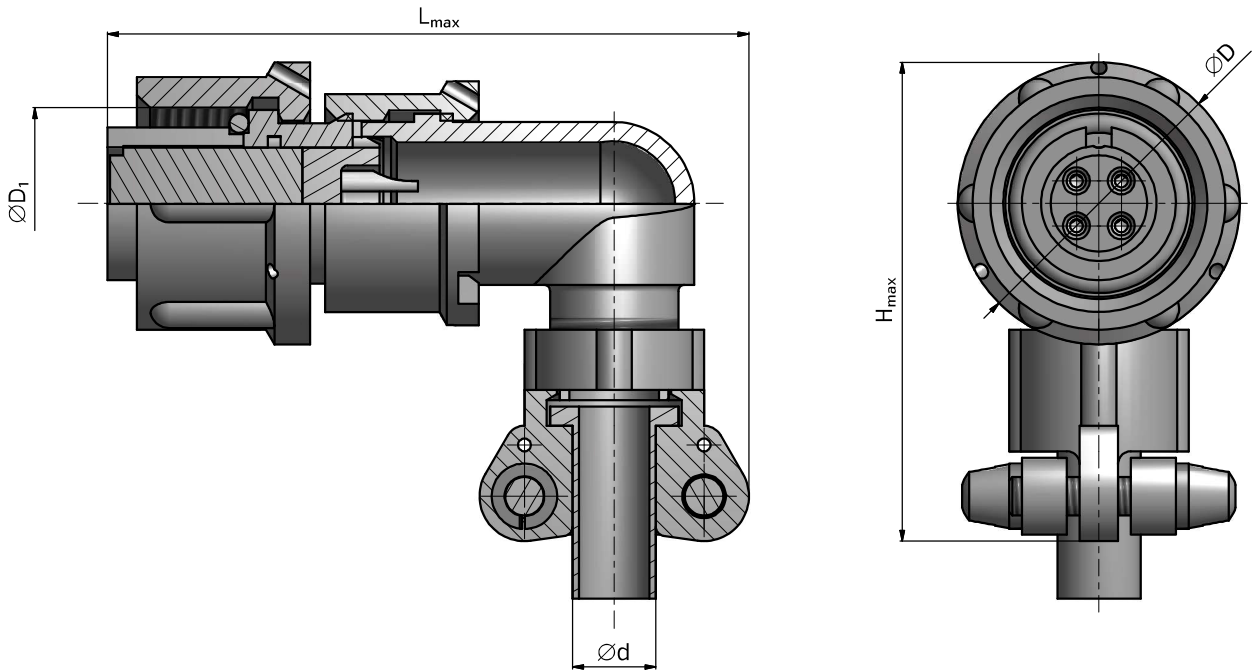
## Order example

Angled Cable Mount Unshielded Male Plug		2RM	22	KUN	10	S	1	V1
Panel Mount Female Receptacle		2RM	22	B	10	G	1	V1

ANGLED CABLE MOUNT UNSHIELDED FEMALE PLUG

2RM\_KUN\_G\_V1 (A1)

2RMD\_KUN\_G\_V1 (A1)



Size	Code	Diagram	Contact				Connector			Dimensions [mm]			
			id.	n	Ø [mm]	I <sub>n</sub> [A]	I <sub>n</sub> [A]	U <sub>n</sub> [V]	D	D <sub>1</sub>	H <sub>max</sub>	L <sub>max</sub>	d
14	2RM14KUN4G1V1		⬤	4	1	8	27	500	21.5	M16×1	37	53	6.5
18	2RMD18KUN4G5V1		⬤	4	1.5	15	50	500	25.5	M20×1	41	58	10.5
	2RM18KUN7G1V1		⬤	7	1	7	40	500	25.5	M20×1	41	58	10.5
22	2RM22KUN4G3V1		⬤	2	2	18	80	500	29.5	M24×1	47.5	62	14.5
	2RM22KUN10G1V1		⬤	10	1	7	58	500	29.5	M24×1	47.5	62	14.5
24	2RM24KUN19G1V1		⬤	19	1	7	76	500	32.5	M27×1.5	50	64	16.5
	2RMD24KUN10G5V1		⬤	10	1.5	15	100	500	32.5	M27×1.5	50	64	16.5

Size	Code	Diagram	Contact				Connector		Dimensions [mm]				
			id.	n	∅ [mm]	I <sub>n</sub> [A]	I <sub>n</sub> [A]	U <sub>n</sub> [V]	D	D <sub>1</sub>	H <sub>max</sub>	L <sub>max</sub>	d
27	2RMD27KUN7G5V1			7	1.5	15	84	500	35.5	M30×1.5	53	66	18.5
	2RMD27KUN19G5V1			19	1.5	15	133	500	35.5	M30×1.5	53	66	18.5
	2RM27KUN24G1V1			24	1	7	96	500	35.5	M30×1.5	53	66	18.5
30	2RMD30KUN8G7V1			4 2 2	1.5 2 3	15 20 36	114	500	39.5	M33×1.5	57	71	20.5
	2RMD30KUN24G5V1			24	1.5	15	168	500	39.5	M33×1.5	57	71	20.5
	2RM30KUN32G1V1			32	1	7	112	500	39.5	M33×1.5	57	71	20.5
33	2RMD33KUN32G5V1			32	1.5	6	160	500	42.5	M36×1.5	60	71	22.5

## Available mating combinations

Code	Counterpart
2RM XX KUN YY G ZZ V1/A1	2RM XX B YY S ZZ V1/A1
	2RM XX BPN YY S ZZ V1/A1
2RMD XX KUN YY G ZZ V1/A1	2RMD XX B YY S ZZ V1/A1
	2RMD XX BPN YY S ZZ V1/A1

XX - housing size • YY - number of contacts • ZZ - pinout identifier number  
V1 - silver-plated contacts or A1 - gold-plated contacts

## Order example

Angled Cable Mount Unshielded Female Plug		2RM	22	KUN	10	G	1	V1
Panel Mount Male Receptacle		2RM	22	B	10	S	1	V1