

Cable entry plate KDP plastic round





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Advantages



Straight in! Now also for round cut-outs

Install electric cable and pneumatic hoses with minimal effort, saving time and money.

The KDP cable entry system is ideal if space is at a premium. Simply snap-in the KDP/R or screw in with a locking nut.

Push cable through in a few seconds. That's all there is to it!

The round version of the cable entry plates allows for work with round cut-outs.

The principle is identical to our tried-and-tested KDP/N 24 (rectangular).

Custom solutions with other hole patterns are available by request.



- ✓ Enormous time savings during assembly
- ✓ High packing density hence minimal space requirements
- ✓ Assembly without tools
- ✓ High protection class IP 65
- ✓ Protects the hoses & cables
- ✓ Can simply be locked in

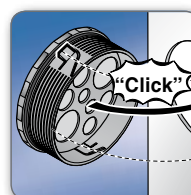
Overview



Cable entry plate, round, type KDP/R

Economical connection technology for tool-free wiring of equipment and machinery. Extremely quick mounting of cables and pneumatic conduits.

Page 84



Snap-on mounting Screw-on mounting

Detailed construction and assembly instructions for the snap-on/screw-on fittings.

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Cable entry plate KDP plastic round

Selection table (possible combinations of cable entries)



The round cable entry plates type KDP/R are a real alternative to cable fitting. The KDP/R metal can be fitted directly, or using adapter plates, into prefabricated housing cut-outs. For a tool-less, rational connection technology for wiring machines and equipment. Extremely quick mounting of cables and pneumatic conduits. For snap-in fastening or screwing in place with a lock nut.

Number of openings on the cable entry plate corresponds to cable diameter

Ø mm	Ø mm	Ø mm	Ø mm	Ø mm	Ø mm	Ø mm
3.0-5.0	3.0-5.5	3.0-6.5	3.5-6.5	5.0-9.2	6.0-10.0	9.6-15.9



KDP/R M50/04
Item no. 87301030

3 1



KDP/R M50/06
Item no. 87301032

1 5



KDP/R M50/08
Item no. 87301034

7 1



KDP/R M63/08
Item no. 87301040

2 4 2



KDP/R M63/13
Item no. 87301042

6 6 1



KDP/R M63/19
Item no. 87301044

19

Material data KDP plastic, round



Halogen-free



Phosphorous-free



Cadmium-free



Asbestos-free



Lead-free



Silicone-free



The cable entry plates types KDP/R M50 and KDP/R M63 comply with ROHS and feature IP class 65.

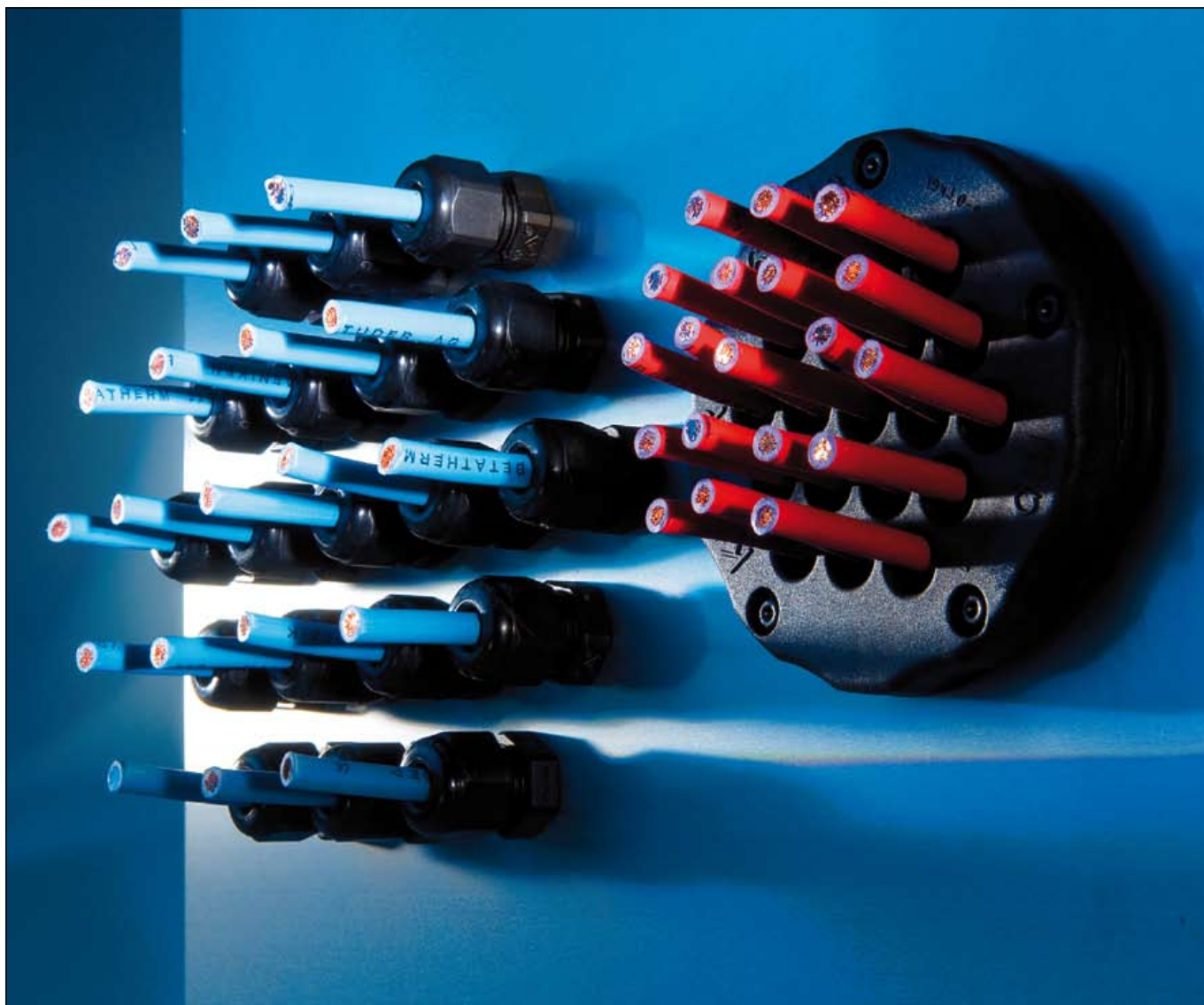
Additionally all components are free of halogen, phosphorous, cadmium, asbestos, lead and silicone.

It can be used within a temperature range of -30 to 90 °C. The housing of types KDP/R M50 and KDP/R M63 are

inspection according to fire classification V0

They are made of polyamide 6.6, the sealant plates used are made of TPU/NBR/EPDM.

UR approvals as well as approvals for the German and French railways exist for the housing.





Cable entry plate KDP Plastic/round

Cable entry plate, round, type KDP/R



-30 – 90 °C



Enclosure: Polyamide 6.6
Seal: NBR/EPDM



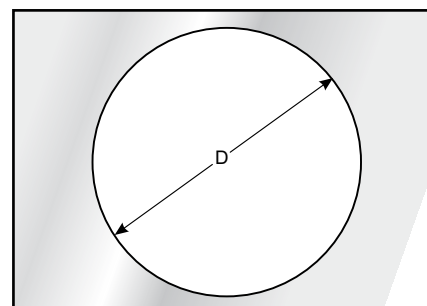
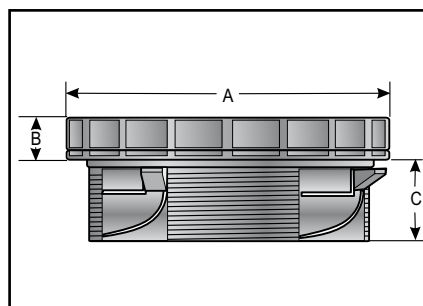
Enclosure: V0



IP 65

Economical connection technology for tool-free wiring of equipment and machinery. Extremely quick mounting of cables and pneumatic hoses. The real alternative to cable fittings. For snap-in fastening or screwing in place with a lock nut. Casing not included with delivery!

- For snapping in plates of 1.5 – 2.0 mm
- Integrated seal
- Compact design
- High protection class



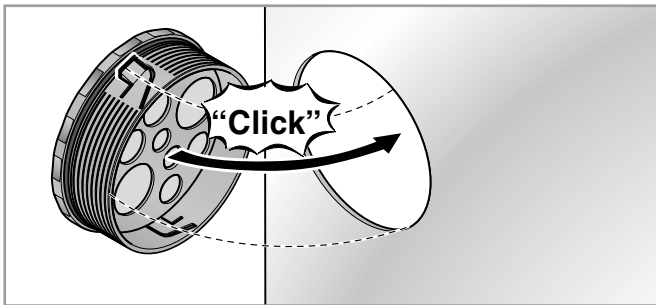
KDP/R...

Type	Order no.	Colour	Openings total	Openings quantity / Ø	Thread metric	A mm	B mm	C mm	D mm	Pack qty.
KDP/R M50/04	87301030	black	4	3 / 6.0 – 10.0 mm 1 / 9.6 – 15.9 mm	M50x1.5	58	9	24	50.5	1
KDP/R M50/06	87301032	black	6	1 / 3.0 – 5.5 mm 5 / 5.0 – 9.2 mm	M50x1.5	58	9	24	50.5	1
KDP/R M50/08	87301034	black	8	7 / 3.5 – 6.5 mm 1 / 6.0 – 10.0 mm	M50x1.5	58	9	24	50.5	1
KDP/R M63/08	87301040	black	8	2 / 3.0 – 6.5 mm 4 / 5.0 – 9.2 mm 2 / 9.6 – 15.9 mm	M63x1.5	71	9	25	63.5	1
KDP/R M63/13	87301042	black	13	6 / 3.0 – 5.5 mm 6 / 3.5 – 6.5 mm 1 / 6.0 – 10.0 mm	M63x1.5	71	9	25	63.5	1
KDP/R M63/19	87301044	black	19	19 / 3.0 – 5.0 mm	M63x1.5	71	9	25	63.5	1

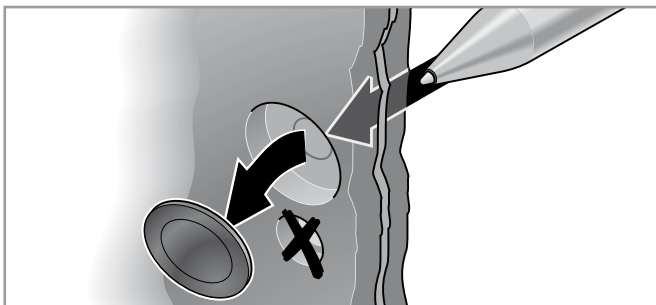
The right tool for cut-out production can be found in the chapter "Punching tools"

The right locknut can be found in the "Accessories" chapter

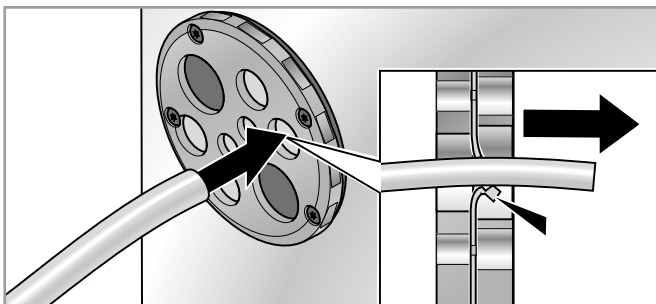
Snap-on mounting



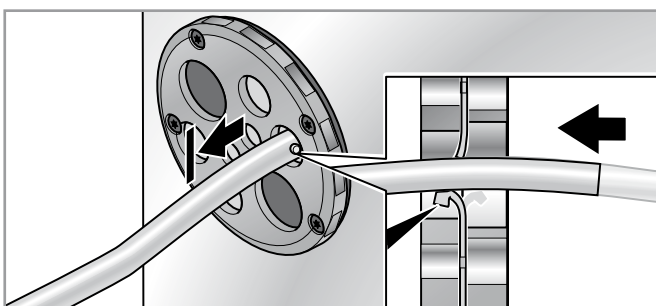
Create circular cut-out dimensioned for the KDP/R. Insert cable insertion plate and press on until it clicks into place.



Where necessary, remove the optional black cover from the locking plate. To do so, press the opening through from the rear until the cover falls out.



Select an opening appropriate for the cable diameter and push the cable through the opening from the front. The indicator becomes visible on the rear of the KDP/R. Pull cable through to desired length.

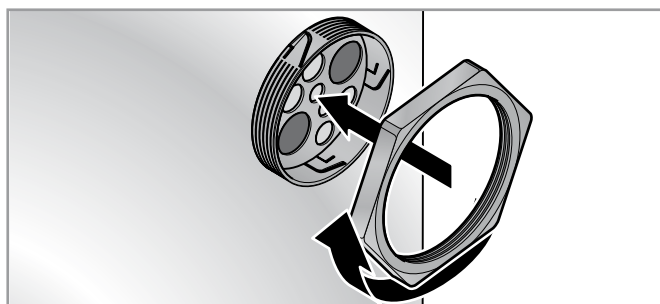


Retract cable approx. 10 – 15 mm until the indicator on the rear is no longer visible. Depending on cable diameter and insertion size, the indicator may well become visible on the front side again.

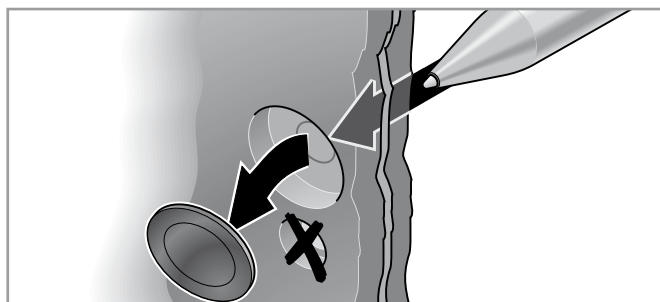


Cable entry plate KDP Plastic/round

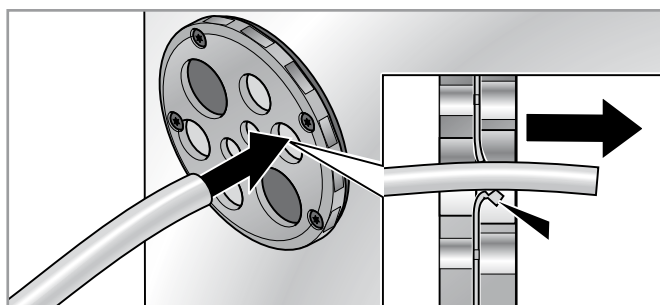
Screw-on mounting



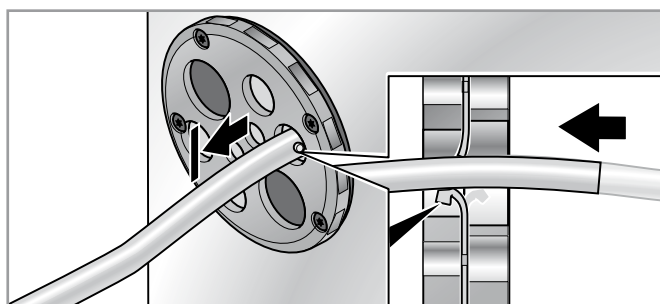
Create circular cut-out dimensioned for the KDP/R. Place cable insertion plate and press on. Fasten KDP/R with lock nut.



Where necessary, remove the optional black cover from the locking plate. To do so, press the opening through from the rear until the cover falls out.



Select an opening appropriate for the cable diameter and push the cable through the opening from the front. The indicator becomes visible on the rear of the KDP/R. Pull cable through to desired length.



Retract cable approx. 10 – 15 mm until the indicator on the rear is no longer visible. Depending on cable diameter and insertion size, the indicator may well become visible on the front side again.




















Cable entry plate, round, type KDP/R



Economical connection technology for tool-free wiring of equipment and machinery. Extremely quick mounting of cables and pneumatic hoses. The alternative to cable fittings. For snap-in fastening or screwing in place with a lock nut. Lock nut not included with delivery!

- For snapping in on 1.5 – 2.0 mm sheets
- Integrated seal
- Compact construction
- High protection rating



-  RoHS compliant
-  Made in Germany
-  -30 – 90 °C
-  Enclosure: V0
-  IP 65
-  Enclosure: Polyamide 6.6
Seal: NBR/EPDM
-  UR-Zulassung
-  CSA-Zulassung
-  DB-Zulassung
-  SNCF-Zulassung
-  GL-Zulassung

Type	Order no.	Colour	Openings total	Openings number / Ø	Thread metric	A mm	B mm	C mm	D mm	Pack qty.	
KDP/R M50/04	87301030	black	4	3 / 6.0 – 10.0 mm	M50x1.5	58	9	24	50.5	1	
				1 / 9.6 – 15.9 mm							
KDP/R M50/06	87301032	black	6	1 / 3.0 – 5.5 mm	M50x1.5	58	9	24	50.5	1	
				5 / 5.0 – 9.2 mm							
KDP/R M50/08	87301034	black	8	7 / 3.5 – 6.5 mm	M50x1.5	58	9	24	50.5	1	
				1 / 6.0 – 10.0 mm							
KDP/R M50/31	87301038	black	31	31 / 1.5 – 3.1 mm	M50x1.5	58	9	24	50.5	1	
KDP/R M63/08	87301040	black	8	2 / 3.0 – 6.5 mm	M63x1.5	71	9	25	63.5	1	
				4 / 5.0 – 9.2 mm							
				2 / 9.6 – 15.9 mm							
KDP/R M63/13	87301042	black	13	6 / 3.0 – 5.5 mm	M63x1.5	71	9	25	63.5	1	
				6 / 3.5 – 6.5 mm							
				1 / 6.0 – 10.0 mm							

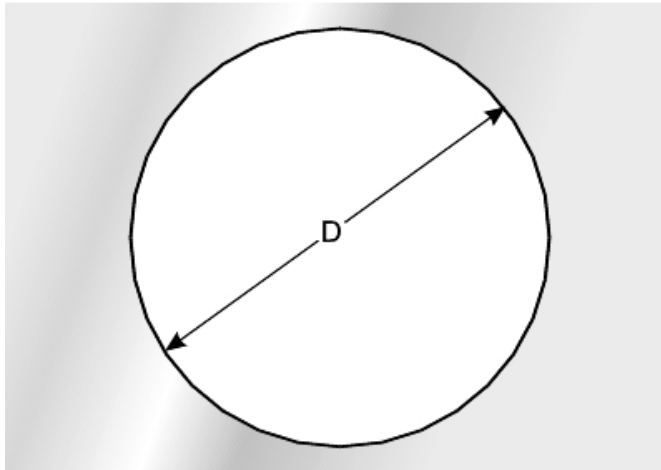
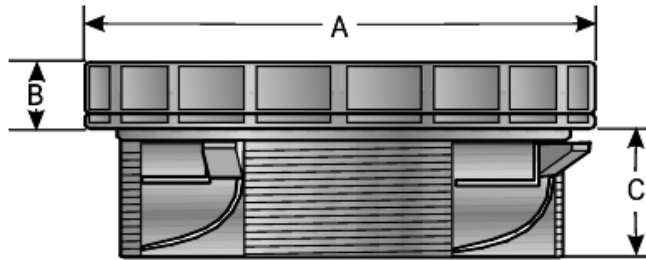
KDP/R M63/19	87301044	black	19	19 / 3.0 – 5.0 mm	M63x1.5	71	9	25	63.5	1	
KDP/R M63/46	87301048	black	46	46 / 1.5 – 3.1 mm	M63x1.5	71	9	25	63.5	1	

The right tool for cut-out production

can be found in the chapter
"Punching tools"

The right locknut can be found in the
"Accessories" chapter

Dimensional drawing:



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Selection table KDP/R for cables without connectors

X Number of openings
X clamping area in mm
 (1 in = 25.4 mm; 1 mm = 0.04 in)

1.0 1.5 2.0 2.5 3.0 3.5 4.0 4.5 5.0 5.5 6.0 6.5 7.0 7.5 8.0 8.5 9.0 9.5 10.0 11.0 12.0 14.0 16.0



KDP/R M50/4
 Article number: 87301030

3 6 – 10 mm (0.24 – 0.39 in)
1 9.6 – 15.9 mm (0.38 – 0.63 in)



KDP/R M50/6
 Article number: 87301032

1 3.0 – 5.5 mm (0.12 – 0.22 in)
5 5.0 – 9.2 mm (0.20 – 0.36 in)



KDP/R M50/8
 Article number: 87301034

7 3.5 – 6.5 mm (0.14 – 0.26 in)
1 6 – 10 mm (0.24 – 0.39 in)



KDP/R M50/31
 Article number: 87301038

31 1.5 – 3.1 mm (0.06 – 0.12 in)



KDP/R M63/8
 Article number: 87301040

2 3.0 – 6.5 mm (0.12 – 0.26 in)
4 5.0 – 9.2 mm (0.20 – 0.36 in)
2 9.6 – 15.9 mm (0.38 – 0.63 in)

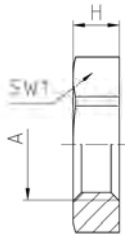
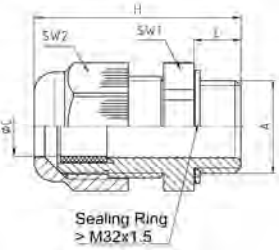


KDP/R M63/13
 Article number: 87301042

6 3.0 – 5.5 mm (0.12 – 0.22 in)
6 3.5 – 6.5 mm (0.14 – 0.26 in)
1 6 – 10 mm (0.24 – 0.39 in)

Lutze TOP-T Fittings Metric ●

Plastic Metric



Part No.	Thread A	Clamping Range Ø C	L mm	SW1 mm	SW2 mm	H mm
FITTINGS BLACK						
FPM12B	M12x1.5	3-6	8	15	15	31
FPM16B	M16x1.5	5-10	8	20	20	35.5
FPM20B	M20x1.5	8-13	8	24	24	36
FPM25B	M25x1.5	11-17	8	29	29	43
FPM32B	M32x1.5	15-21	10	36	36	50
FPM40B	M40x1.5	19-28	10	46	46	51
FPM50B	M50x1.5	27-35	12	55	55	61.5
FPM63B	M63x1.5	32-42	12	68	68	65.5

FITTINGS GRAY						
FPM12G	M12x1.5	3-6	8	15	15	31
FPM16G	M16x1.5	5-10	8	20	20	35.5
FPM20G	M20x1.5	8-13	8	24	24	36
FPM25G	M25x1.5	11-17	8	29	29	43
FPM32G	M32x1.5	15-21	10	36	36	50
FPM40G	M40x1.5	19-28	10	46	46	51
FPM50G	M50x1.5	27-35	12	55	55	61.5
FPM63G	M63x1.5	32-42	12	68	68	65.5

REDUCED CLAMPING RANGE						
FPM12G-R	M12x1.5	2-5	8	15	15	31
FPM16G-R	M16x1.5	3-10	8	20	20	35.5
FPM20G-R	M20x1.5	5-13	8	24	24	36
FPM25G-R	M25x1.5	8-17	8	29	29	43
FPM32G-R	M32x1.5	12-21	10	36	36	50
FPM40G-R	M40x1.5	16-28	10	46	46	51
FPM50G-R	M50x1.5	21-35	12	55	55	61.5
FPM63G-R	M63x1.5	27-48	12	68	68	65.5

LOCKNUTS BLACK						
LPM12B	M12x1.5			17		5
LPM16B	M16x1.5			22		5
LPM20B	M20x1.5			27		6
LPM25B	M25x1.5			32		6
LPM32B	M32x1.5			41		7
LPM40B	M40x1.5			50		7
LPM50B	M50x1.5			60		8
LPM63B	M63x1.5			75		8

LOCKNUTS GRAY						
LPM12G	M12x1.5			17		5
LPM16G	M16x1.5			22		5
LPM20G	M20x1.5			27		6
LPM25G	M25x1.5			32		6
LPM32G	M32x1.5			41		7
LPM40G	M40x1.5			50		7
LPM50G	M50x1.5			60		8
LPM63G	M63x1.5			75		8

Characteristics:

- Integrated strain relief
- Wide sealing and clamping range
- Easy to install
- Temperature range -20°C - +100°C / +14 - +212 F
- Protection Grade IP68 – 5 bar

Fitting Specifications:

Dome nut	Polyamide PA6 V-2
Sealing Ring	Polychloroprene-Nitrile rubber CR/NBR
Gland body	Polyamide PA6 V-2
Connecting thread	metric as per EN 60423
Inner Sealing Ring	Evoprene TPE
Color	Black Gray RAL 7001

Locknut specifications:

- For secure tightening of cable glands and accessories
- Hexagonal locknut Polyamide PA6 GF30

1-800-447-2371 – www.lutze.com

