



Membrane plates: 1940.PDM series, size 24

The 1940.PDM.24 series is an innovative solution for cable entries into control cabinets and machines. The cable is pushed through the front membrane, and a second membrane increases strain relief and improves sealing performance.

- For a large number of cables without connectors
- Good strain relief thanks to the double membrane
- Cost-effective solution
- Colour: Grey
- Versions with threaded inserts or plastic rivets available on request



Accessories

Protection caps: 1950.CAPS.2 | Inserts: 1950.IFP

Further information



Application example



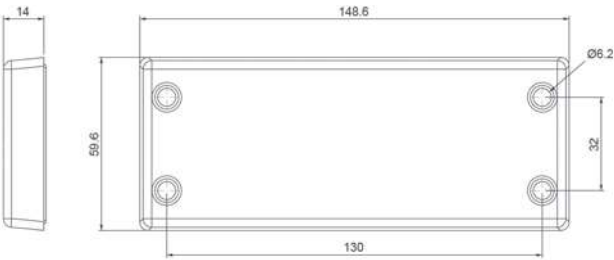
Product images



1940.PDM.24 versions

1940.PDM24/14.G >Ø< 10x 2.8 - 6.5 4x 14.5 - 22.0	1940.PDM24/15.G >Ø< 15x 6.8 - 12.0	1940.PDM24/16.G >Ø< 8x 2.8 - 6.5 4x 4.4 - 9.7 2x 8.6 - 16.2 2x 14.5 - 22.0	1940.PDM24/17.G >Ø< 6x 2.8 - 6.5 6x 4.6 - 10.2 5x 8.6 - 16.2	
1940.PDM24/25.G >Ø< 12x 2.8 - 6.5 7x 4.4 - 9.7 2x 6.8 - 12.0	1940.PDM24/32.G >Ø< 21x 2.8 - 6.5 8x 4.6 - 10.2 3x 6.8 - 12.0	1940.PDM24/42.G >Ø< 42x 2.8 - 6.5		

Dimensioned drawing 1940.PDM.24



Material: TPE
Properties: Halogen-free, silicone-free
Flammability: Self-extinguishing in accordance with UL 94 V-0
Operating temperature: -40 °C / +110 °C

	A	B	C	X	Y	>□<	Art.-No.	
mm	mm	mm	mm	mm	mm	mm		
14x	148,6	59,6	14	130	32	112x36	1940.PDM.24/14.G	10
15x	148,6	59,6	14	130	32	112x36	1940.PDM.24/15.G	10
16x	148,6	59,6	14	130	32	112x36	1940.PDM.24/16.G	10
17x	148,6	59,6	14	130	32	112x36	1940.PDM.24/17.G	10
25x	148,6	59,6	14	130	32	112x36	1940.PDM.24/25.G	10
32x	148,6	59,6	14	130	32	112x36	1940.PDM.24/32.G	10
42x	148,6	59,6	14	130	32	112x36	1940.PDM.24/42.G	10





Membrane feedthroughs: 1940.PDM.M series

Membrane feedthroughs of the 1940.PDM.M series are used to save space and time. They utilise the metric holes on cabinets or machines, and the locknut ensures good strain relief and excellent protection against water and dust. The cable is pushed through the front membrane, and the second membrane increases strain relief and enhances sealing performance.

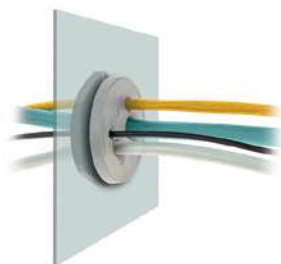
- For a large number of cables without connectors
- Good strain relief thanks to the double membrane
- Cost-effective solution
- Colour: Grey
- Recommended tightening torque: 8 Nm



Accessories

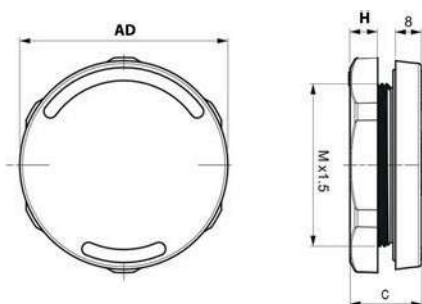
Inserts: 1950.IFP

Further information

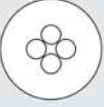
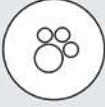
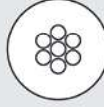
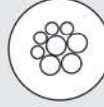
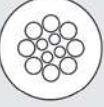
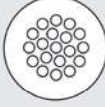
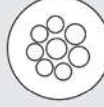
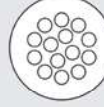
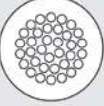
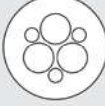
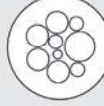


Product images

Dimensioned drawing 1940.PDM.M



1940.PDM.M versions

1940.PDM.M32/4-2.G  $\varnothing$ 4x 3.5 - 8.8	1940.PDM.M32/4.G  $\varnothing$ 3x 2.6 - 6.5 1x 5.5 - 12.5	1940.PDM.M32/7.G  $\varnothing$ 7x 2.6 - 6.5	1940.PDM.M40/8.G  $\varnothing$ 4x 2.6 - 6.5 4x 4.0 - 10.2	1940.PDM.M50/10.G  $\varnothing$ 7x 2.8 - 6.5 2x 4.6 - 10.2 1x 14.5 - 22.0
1940.PDM.M50/12.G  $\varnothing$ 4x 2.8 - 6.5 8x 4.6 - 10.2	1940.PDM.M50/19.G  $\varnothing$ 19x 2.8 - 6.5	1940.PDM.M50/8.G  $\varnothing$ 5x 4.6 - 10.2 3x 6.8 - 12.5	1940.PDM.M63/13.G  $\varnothing$ 4x 2.8 - 6.5 4x 4.6 - 10.2 5x 9.5 - 16.2	1940.PDM.M63/14.G  $\varnothing$ 14x 5.0 - 10.0
1940.PDM.M63/35.G  $\varnothing$ 35x 2.6 - 5.5	1940.PDM.M63/6.G  $\varnothing$ 3x 4.6 - 10.2 3x 10.9 - 20.0	1940.PDM.M63/9.G  $\varnothing$ 1x 2.8 - 6.0 3x 4.6 - 10.2 4x 8.6 - 16.2 1x 10.9 - 20.0		

Round membrane feedthroughs with inner frame and double membrane

Material:	TPE
Properties:	Halogen-free, silicone-free
Flammability:	Self-extinguishing in accordance with UL 94 V-0
Operating temperature:	-40 °C / +110 °C

G	AD	C	H	Art.-No.	
mm	mm	mm	mm		
M32	46	22	7	1940.PDM.M32/4-2.G	10
M32	46	22	7	1940.PDM.M32/4.G	10
M32	46	22	7	1940.PDM.M32/7.G	10
M40	54	22	7	1940.PDM.M40/8.G	10
M50	64	22	8.5	1940.PDM.M50/10.G	10
M50	64	22	8.5	1940.PDM.M50/12.G	10
M50	64	22	8.5	1940.PDM.M50/19.G	10
M50	64	22	8.5	1940.PDM.M50/8.G	10
M63	77	22	8.5	1940.PDM.M63/13.G	10
M63	77	22	8.5	1940.PDM.M63/14.G	10
M63	77	22	8.5	1940.PDM.M63/35.G	10
M63	77	22	8.5	1940.PDM.M63/6.G	10
M63	77	22	8.5	1940.PDM.M63/9.G	10





Membrane plates: 1940.PDM.KN series

1940.PDM.KN is a series of multi-cable entry plates that may be installed in the side or the bottom of a cabinet. The mounting hole layouts and dimensions are compatible with the cabinets of leading manufacturers. The cable is pushed through the initially closed front membrane, and the second membrane increases strain relief and improves sealing performance.

- For up to 72 cables without connectors
- Good strain relief thanks to the double membrane
- Integrated strengthening frame
- Cost-effective solution
- Colour: Grey



Accessories

Protection caps: 1950.CAPS.2 | Inserts: 1950.IFP

Further information

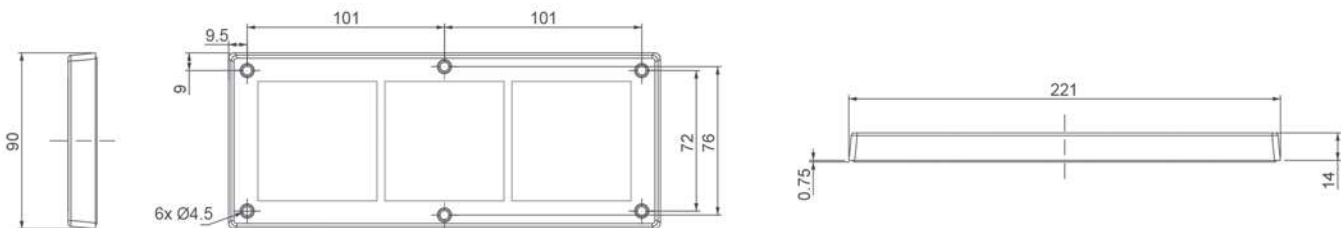


Product image

1940.PDM.KN versions

1940.PDM.KN/19.G	1940.PDM.KN/21.G	1940.PDM.KN/72.G
$\text{>}\varnothing\text{<}$	$\text{>}\varnothing\text{<}$	$\text{>}\varnothing\text{<}$
4x 3.0 - 6.0	21x 9.5 - 17.0	42x 2.8 - 6.5
3x 5.0 - 10.0		21x 4.6 - 10.2
1x 9.0 - 15.0		6x 8.6 - 16.2
6x 14.0 - 22.0		3x 14.5 - 22.0
3x 19.0 - 27.0		
2x 22.0 - 30.0		

Dimensioned drawing 1940.PDM.KN



Cable feedthrough plates with large frame and double membrane

Material: TPE
Properties: Halogen-free, silicone-free
Flammability: Self-extinguishing in accordance with UL 94 V-0
Operating temperature: -40 °C / +110 °C

A	B	C	X	Y	>□<	Art.-No.	
mm	mm	mm	mm	mm	mm		
221	90	14	2x101	76/72	192x62	1940.PDM.KN/19.G	1
221	90	14	2x101	76/72	192x62	1940.PDM.KN/21.G	1
221	90	14	2x101	76/72	192x62	1940.PDM.KN/72.G	1



Membrane plates: 1940.PM.24 series



1940.PM.24-series membrane plates are innovative solutions for cable entries into control cabinets and machines. The cable is pushed through the front membrane, and the second membrane increases strain relief and enhances sealing performance.

- For a large number of cables without connectors
- Good strain relief thanks to the double membrane
- Cost-effective solution
- Colour: Grey



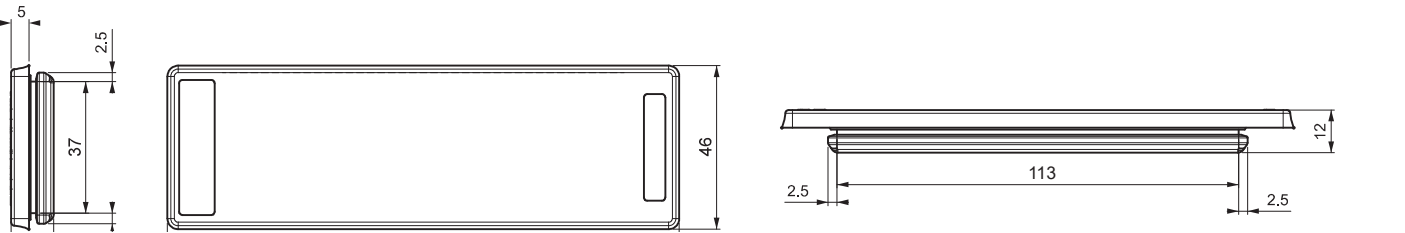
Accessories

Inserts: 1950.IFP

1940.PM.24 versions

1940.PM24/17.G >Ø< 5x 10.5 12x 12.6	1940.PM24/18.G >Ø< 4x 6.5 5x 10.5 5x 12.6 4x 16.1	1940.PM24/26.G >Ø< 16x 6.5 4x 12.1 4x 16.1 2x ASI	1940.PM24/50.G >Ø< 33x 5.3 9x 6.4 8x 8.3
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Dimensioned drawing 1940.PM.24



Cable feedthrough plates with double membrane

Material:	TPE
Properties:	Halogen-free, silicone-free
Flammability:	Self-extinguishing in accordance with UL 94 V-0
Wall thickness:	1.5 - 2.5 mm
Operating temperature:	-40 °C / +110 °C



A	B	C	>□<	Art.-No.	
mm	mm	mm	mm		
144	46	12	112x36 (max. +0.5)	1940.PM.24/17.G	10
144	46	12	112x36 (max. +0.5)	1940.PM.24/18.G	10
144	46	12	112x36 (max. +0.5)	1940.PM.24/26.G	10
144	46	12	112x36 (max. +0.5)	1940.PM.24/50.G	10

Membrane grommets: 1940.PMU series

The round, metric 1940.PMU is an innovative solution for feedthroughs of individual cables. The cable is pushed through the front membrane, and the second membrane increases strain relief and enhances sealing performance.

- Metric sizes
- Quick and easy installation
- Saves installation costs
- Colour: Grey
- Slim design



Accessories

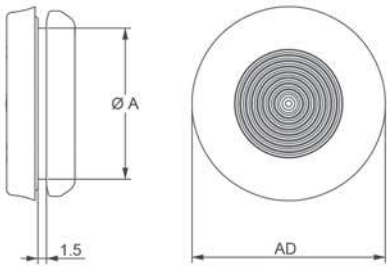
Inserts: 1950.IFP

Further information



Product images

Dimensioned drawing 1940.PMU



Round double-membrane grommets for single cables

Material:	TPE
Properties:	Halogen-free, silicone-free
Flammability:	Self-extinguishing in accordance with UL 94 V-0
Wall thickness:	1.5 - 2.5 mm
Operating temperature:	-40 °C / +110 °C

>□< mm	AD mm	ØA mm	Art.-No.	
16.5	25.0	max. 10.0	1940.PMU.16.G	10
20.5	29.0	max. 13.0	1940.PMU.20.G	10
25.5	34.0	max. 15.0	1940.PMU.25.G	10
32.5	40.0	max. 22.0	1940.PMU.32.G	10





Membrane grommets: 1940.PM.M series

The round, metric 1940.PM.M series is an innovative solution for routing multiple cables. The cables are inserted through the front membrane, and the second membrane increases strain relief and enhances sealing performance.

- For a large number of cables without connectors
- High strain relief thanks to the double membrane
- Cost-effective solution
- Colour: Grey
- Metric sizes



Accessories

Inserts: 1950.IFP

Further information



Product images

Type 1 (1.5 - 2.5 mm) / Type 2 (2.8 - 4.0 mm)

1940.PM.M versions

1940.PM.M25/4.GT1

>Ø<	
4x	8.0

1940.PM.M25/6.GT1

>Ø<	
4x	5.2
2x	9.4

1940.PM.M32/10.GT1

>Ø<	
6x	5.2
2x	6.4
2x	9.4

1940.PM.M50/9.GT1

>Ø<	
5x	7.0
4x	18.3

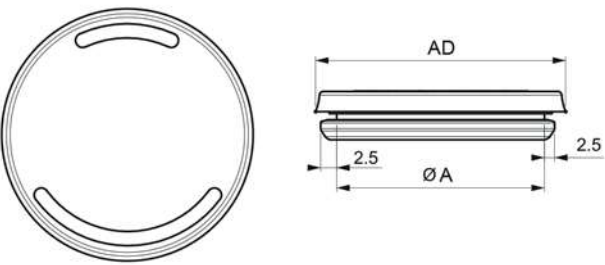
1940.PM.M50/15.GT1

>Ø<	
2x	6.0
4x	7.2
4x	9.7
5x	12.0

1940.PM.M50/17.GT1

>Ø<	
5x	5.5
5x	6.5
3x	9.7
4x	11.4

Dimensioned drawing 1940.PM.M



Round double-membrane grommets for multiple cables

Material: TPE
Properties: Halogen-free, silicone-free
Flammability: Self-extinguishing in accordance with UL 94 V-0
Wall thickness: 1.5-2.5 mm
Operating temperature: -40 °C / +110 °C

AD mm	ØA mm	Art.-No.	
34	25.5 +/- 0.5	1940.PM.M25/4.GT1	10
34	25.5 +/- 0.5	1940.PM.M25/6.GT1	10
40	32.5 +/- 0.5	1940.PM.M32/10.GT1	10
62	50.5 +/- 0.5	1940.PM.M50/9.GT1	10
62	50.5 +/- 0.5	1940.PM.M50/15.GT1	10
62	50.5 +/- 0.5	1940.PM.M50/17.GT1	10





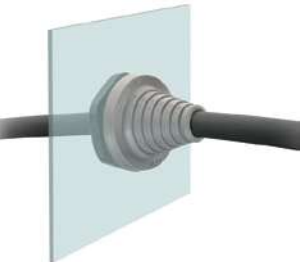
Pyramid-shaped cable feedthroughs with round base and locknut: 1940.PDP series

The pyramid-shaped cable feedthroughs of the 1940.PDP series are available in sizes M25, M32, M40, M50, M63 and M75. They allow the passage of unassembled cables of diameter 2.5 to 64 mm through the walls of control cabinets etc. The reinforcing base plate increases stability when used for large cables.

- For a wide range of diameters
- Reinforcing base plate
- Cost-effective solution
- Colour: Grey
- UL 94 V-0

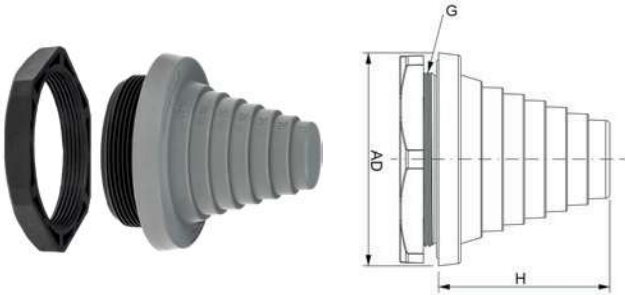


Further information



Product images

Dimensioned drawing 1940.PDP



Material: TPE
Properties: Halogen-free, silicone-free
Flammability: Self-extinguishing in accordance with UL 94 V-0
Operating temperature: -40 °C / +110 °C



G	>□< mm	AD mm	H mm	Ø min mm	Ø max mm	Art.-No.	
M32	32.5	46	55.2	5	23	1940.PDP.32.G	10
M40	40.5	54	62	8	29	1940.PDP.40.G	10
M50	50.5	64	50	17	42	1940.PDP.50.G	10
M63	63.5	77	62	23	55	1940.PDP.63.G	10
M75	75.5	89	64	38	64	1940.PDP.75.G	10

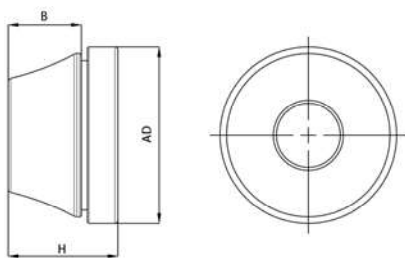
Round membrane grommets for single cables: 1940.RCS series

Grommets of the 1940.RCS series enable single cables without connectors to be routed through walls up to 4 mm thick. Simply pierce the outer membrane slightly and push the cable through the grommet. These grommets are available for cable diameters from 4 to 34 mm.

- Metric sizes
- Quick installation
- Cost-effective solution
- Colour: Grey



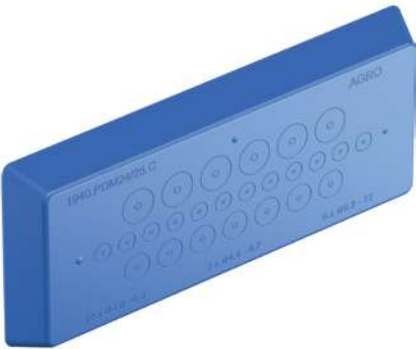
Dimensioned drawing 1940.RCS



Material:	EPDM
Properties:	Halogen-free, silicone-free
Flammability:	Self-extinguishing in accordance with UL 94 V-0
Wall thickness:	0.5-4.0 mm
Operating temperature:	-40 °C / +110 °C

B mm	>□< mm	AD mm	H mm	±/∓ mm	Art.-No.	
10.5	12.5	20.0	17.3	0.5-2.0	1940.RCS.M12.G	100
11.5	16.5	21.0	19.0	0.5-2.0	1940.RCS.M16.G	100
12.7	20.5	25.5	20.5	0.5-2.0	1940.RCS.M20.G	100
15.5	25.5	31.0	22.6	0.5-2.0	1940.RCS.M25.G	100
17.5	32.5	39.0	25.5	1.0-4.0	1940.RCS.M32.G	100
20.4	40.5	48.0	30.0	1.0-4.0	1940.RCS.M40.G	100
23.9	50.5	58.6	36.0	1.0-4.0	1940.RCS.M50.G	100





Membrane plates for hygienic applications: 1940.PDM.24.C series

The 1940.PDM.24.C CLEAN series is primarily used in the food and pharmaceutical industries, as its round-edged design prevents the accumulation of dirt and facilitates frequent cleaning. The cable feedthrough plate can be attached to a cabinet wall from the inside, using four concealed screws. The hole positions are laser-printed, ensuring a clean front surface when in service. The front membrane is lightly pierced using a small screwdriver, and the second, parallel membrane serves as reinforcement, ensuring very high strain relief and excellent sealing performance.

- For a large number of cables without connectors
- With integrated reinforcement frame
- Smooth surface with rounded edges
- Color: Blue
- UL 94 HB
- Mounting options: Click-on or screwed



Further information

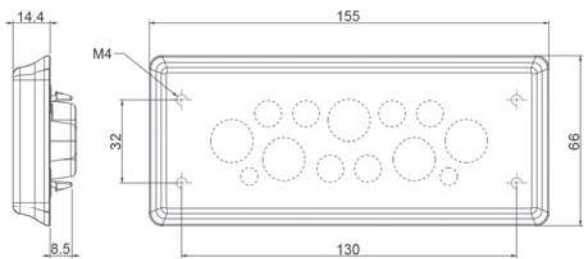


Product image

1940.PDM.24.C versions

1940.PDM24/13.C	1940.PDM24/25.C	1940.PDM24/32.C
$>\varnothing<$	$>\varnothing<$	$>\varnothing<$
2x 2.8 - 6.5	12x 2.8 - 6.5	21x 2.8 - 6.5
6x 4.6 - 10.2	7x 4.4 - 9.7	8x 4.6 - 10.2
5x 8.6 - 16.2	6x 6.8 - 12.0	3x 6.8 - 12.0

Dimensioned drawing 1940.PDM.24.C



Material: TPE
Properties: Halogen-free, silicone-free
Flammability: Self-extinguishing in accordance with UL 94 HB
Operating temperature: -40 °C / +80 °C

A	B	C	X	Y	>□<	Art.-No.	
mm	mm	mm	mm	mm	mm		
155	66	14.4	130	32	112x36	1940.PDM24/13.C	1
155	66	14.4	130	32	112x36	1940.PDM24/25.C	1
155	66	14.4	130	32	112x36	1940.PDM24/32.C	1





Membrane feedthroughs for hygienic applications: 1940.PDM.M.C series

The 1940.PDM.M.C CLEAN series is primarily used in the food and pharmaceutical industries, as its round-edged design prevents dirt from accumulating and facilitates frequent cleaning. The front membrane is lightly pierced using a small screwdriver, and the second, parallel membrane serves as reinforcement, ensuring very high strain relief and excellent sealing performance.

- For a large number of cables without connectors
- With integrated reinforcement frame
- Smooth surface with rounded edges
- UL 94 HB
- Colour: Blue
- Fixed in place by a locknut



Accessories

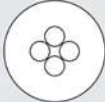
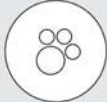
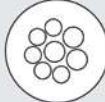
Inserts: 1950.IFP

Further information

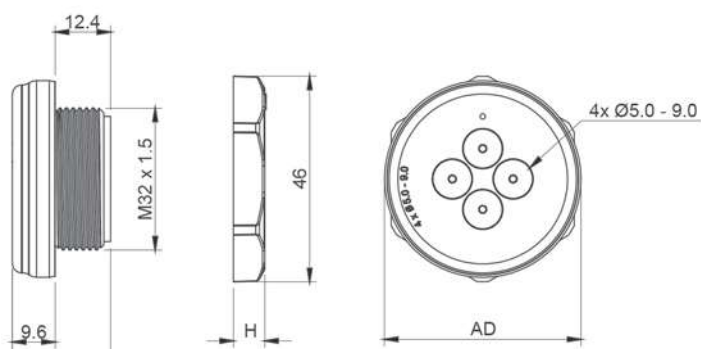


Product image

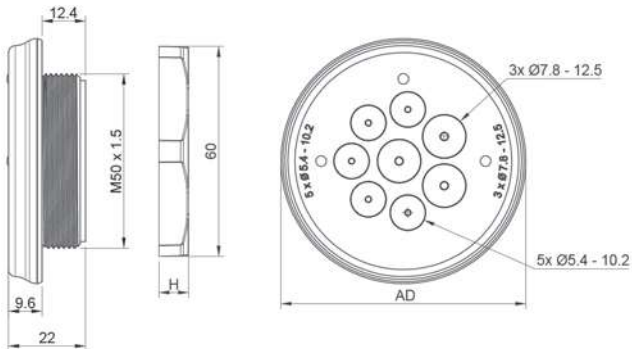
1940.PDM.M.C versions

1940.PDM.M32/4-2.C	1940.PDM.M32/4.C	1940.PDM.M50/8.C
		
$>\varnothing<$	$>\varnothing<$	$>\varnothing<$
4x 5.0 - 9.0	3x 3.6 - 6.5 1x 7.8 - 12.5	5x 4.6 - 10.2 3x 6.8 - 12.5

Dimensioned drawing 1940.PDM.M32



Dimensioned drawing 1940.PDM.M50



Material: TPE
Properties: Halogen-free, silicone-free
Flammability: Self-extinguishing in accordance with UL 94 HB
Operating temperature: -40 °C / +80 °C

G	>□<	AD	H	Art.-No.	
mm	mm	mm	mm		
M32	32.5	44	7	1940.PDM.M32/4-2.C	10
M32	32.5	44	7	1940.PDM.M32/4.C	10
M50	50.5	70	8.5	1940.PDM.M50/8.C	10

