

TECHNISCHE DATEN:

Aufbau

| | |
|------------------|---------------------------------------|
| Hutmutter | Polyamid PA6 V-2 |
| Dichtring | Polychloropren-Nitrilkautschuk CR/NBR |
| Zwischenstutzen | Polyamid PA6 V-2 |
| Anschlussgewinde | metrisch, nach EN 60423 |

Eigenschaften

- integrierte Zugentlastung
- großer Dicht- und Klemmbereich
- montagefreundlich
- UV- und Witterungsbeständigkeit gemäß UL 514B

| | |
|-------------------|---|
| Temperaturbereich | -20 °C / +100 °C (dynamisch) -40 °C (statisch, kurzzeitig) |
|-------------------|---|

| | |
|--------------------|---|
| Schutzart | IP68 - 5 bar |
| Prüfnorm | EN 62444 / UL 514B |
| VDE-Ausweis | 40020902 |
| DNV GL Certificate | TAE000037X |
| UL / CSA-File | E140310 |
| Hinweis | Angaben zu den Prüfergebnissen - siehe Anhang |

TECHNICAL DATA:

Configuration

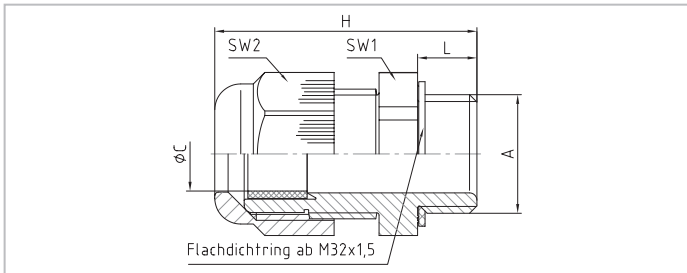
| | |
|-------------------|---------------------------------------|
| Dome nut | Polyamide PA6 V-2 |
| Sealing ring | Polychloroprene-Nitrile rubber CR/NBR |
| Gland body | Polyamide PA6 V-2 |
| Connecting thread | metric, as per EN 60423 |

Properties

- integrated anchorage
- wide sealing and clamping range
- easy-to-install
- UV- and weather resistance according UL 514B

| | |
|-------------------|---|
| Temperature range | -20 °C / +100 °C (dynamic) -40 °C (static, short term) |
|-------------------|---|

| | |
|--------------------|--|
| Protection grade | IP68 - 5 bar |
| Test standard | EN 62444 / UL 514B |
| VDE licence | 40020902 |
| DNV GL Certificate | TAE000037X |
| UL / CSA-File | E140310 |
| Comment | details about test results - see annex |



Merkmale

Anschlussgewinde Standardlänge

| A | øC mm | $\frac{H}{mm}$ L mm | SW1 mm | SW2 mm | H mm | |
|---------|----------|---------------------------|-----------|-----------|---------|-----|
| M12x1,5 | 3 - 6,5 | 8 | 15 | 15 | 31 | 100 |
| M16x1,5 | 5 - 9,5 | 8 | 20 | 20 | 35,5 | 100 |
| M20x1,5 | 8 - 13 | 8 | 24 | 24 | 36 | 100 |
| M25x1,5 | 11 - 17 | 8 | 29 | 29 | 43 | 50 |
| M32x1,5 | 15 - 21 | 10 | 36 | 36 | 50 | 25 |
| M40x1,5 | 19 - 28 | 10 | 46 | 46 | 51 | 10 |
| M50x1,5 | 27 - 35 | 12 | 55 | 55 | 61,5 | 5 |
| M63x1,5 | 32 - 42 | 12 | 68 | 68 | 65,5 | 5 |

Characteristics

Connecting thread standard length

| RAL 7001 silbergrau silver grey | RAL 7035 lichtgrau light grey | RAL 9005 tiefschwarz jet black |
|---------------------------------------|-------------------------------------|--------------------------------------|
| Art.-Nr. / Part No. | Art.-Nr. / Part No. | Art.-Nr. / Part No. |
| 50.612 PA7001 | 50.612 PA7035 | 50.612 PA/SW |
| 50.616 PA7001 | 50.616 PA7035 | 50.616 PA/SW |
| 50.620 PA7001 | 50.620 PA7035 | 50.620 PA/SW |
| 50.625 PA7001 | 50.625 PA7035 | 50.625 PA/SW |
| 50.632 PA7001 | 50.632 PA7035 | 50.632 PA/SW |
| 50.640 PA7001 | 50.640 PA7035 | 50.640 PA/SW |
| 50.650 PA7001 | 50.650 PA7035 | 50.650 PA/SW |
| 50.663 PA7001 | 50.663 PA7035 | 50.663 PA/SW |

Anschlussgewinde lang

| A | øC mm | $\frac{H}{mm}$ L mm | SW1 mm | SW2 mm | H mm | |
|---------|----------|---------------------------|-----------|-----------|---------|-----|
| M12x1,5 | 3 - 6,5 | 15 | 15 | 15 | 38 | 100 |
| M16x1,5 | 5 - 9,5 | 15 | 20 | 20 | 42,5 | 100 |
| M20x1,5 | 8 - 13 | 15 | 24 | 24 | 43 | 100 |
| M25x1,5 | 11 - 17 | 15 | 29 | 29 | 50 | 50 |
| M32x1,5 | 15 - 21 | 15 | 36 | 36 | 55 | 25 |
| M40x1,5 | 19 - 28 | 18 | 46 | 46 | 59 | 10 |
| M50x1,5 | 27 - 35 | 18 | 55 | 55 | 67,5 | 5 |
| M63x1,5 | 32 - 42 | 18 | 68 | 68 | 71,5 | 5 |

Connecting thread long

| RAL 7001 silbergrau silver grey | RAL 7035 lichtgrau light grey | RAL 9005 tiefschwarz jet black |
|---------------------------------------|-------------------------------------|--------------------------------------|
| Art.-Nr. / Part No. | Art.-Nr. / Part No. | Art.-Nr. / Part No. |
| 50.612 PA7001L | 50.612 PA7035L | 50.612 PA/SWL |
| 50.616 PA7001L | 50.616 PA7035L | 50.616 PA/SWL |
| 50.620 PA7001L | 50.620 PA7035L | 50.620 PA/SWL |
| 50.625 PA7001L | 50.625 PA7035L | 50.625 PA/SWL |
| 50.632 PA7001L | 50.632 PA7035L | 50.632 PA/SWL |
| 50.640 PA7001L | 50.640 PA7035L | 50.640 PA/SWL |
| 50.650 PA7001L | 50.650 PA7035L | 50.650 PA/SWL |
| 50.663 PA7001L | 50.663 PA7035L | 50.663 PA/SWL |

mit Dichtring und O-Ring aus FKM auf Anfrage

with sealing ring and O-ring made of FKM on request

TECHNISCHE DATEN:
Aufbau

| | |
|------------------|---------------------------------------|
| Hutmutter | Polyamid PA6 V-2 |
| Dichtring | Polychloropren-Nitrilkautschuk CR/NBR |
| Zwischenstutzen | Polyamid PA6 V-2 |
| Anschlussgewinde | metrisch, nach EN 60423 |

Eigenschaften

- integrierte Zugentlastung
- großer Dicht- und Klemmbereich
- Dichtbereich und Hutmutterabmessungen sind identisch mit der PERFECT Pg-Serie 50.0xx PAzzzz
- montagefreundlich
- UV- und Witterungsbeständigkeit gemäß UL 514B

| | |
|-------------------|---|
| Temperaturbereich | -20 °C / +100 °C (dynamisch) -40 °C (statisch, kurzzeitig) |
|-------------------|---|

Schutzart IP68 - 5 bar

Prüfnorm UL 514B

UL / CSA-File E140310

Hinweis Angaben zu den Prüfergebnissen - siehe Anhang

TECHNICAL DATA:
Configuration

| | |
|-------------------|---------------------------------------|
| 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 |

Properties

- integrated anchorage
- wide sealing and clamping range
- sealing range and dome nut dimensions are identical to PERFECT Pg-series 50.0xx PAzzzz
- easy-to-install
- UV- and weather resistance according UL 514B

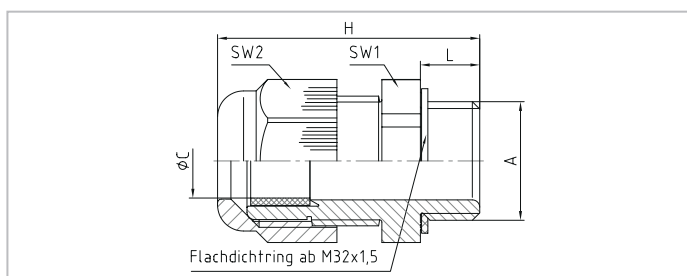
| | |
|-------------------|---|
| Temperature range | -20 °C / +100 °C (dynamic) -40 °C (static, short term) |
|-------------------|---|

Protection grade IP68 - 5 bar

Test standard UL 514B

UL / CSA-File E140310

Comment details about test results - see annex


Merkmale
Characteristics
Anschlussgewinde Standardlänge
Connecting thread standard length

| A | øC mm | L mm | SW1 mm | SW2 mm | H mm | 100 | Color / RAL | | |
|---------|----------|---------|-----------|-----------|---------|-----|---------------------------------------|-------------------------------------|---------------------------------------|
| | | | | | | | Art.-Nr. / Part No. | Art.-Nr. / Part No. | Art.-Nr. / Part No. |
| M12x1,5 | 3 - 6,5 | 8 | 15 | 15 | 31 | 100 | RAL 7001 silbergrau silver grey | RAL 7035 lichtgrau light grey | RAL 9005 tief schwarz jet black |
| M16x1,5 | 5 - 10 | 8 | 22 | 22 | 37 | 100 | 50.011M16PA08 | 5011M16PA08/7035 | 50.011M16PA08/SW |
| M20x1,5 | 6 - 12 | 8 | 24 | 24 | 38,5 | 100 | 50.013M20PA08 | 5013M20PA08/7035 | 50.013M20PA08/SW |
| M20x1,5 | 10 - 14 | 8 | 27 | 27 | 40,5 | 50 | 50.016M20PA08 | 5016M20PA08/7035 | 50.016M20PA08/SW |
| M25x1,5 | 13 - 18 | 8 | 33 | 33 | 45 | 50 | 50.021M25PA08 | 5021M25PA08/7035 | 50.021M25PA08/SW |
| M32x1,5 | 18 - 25 | 10 | 42 | 42 | 52,5 | 25 | 50.029M32PA10 | 5029M32PA10/7035 | 50.029M32PA10/SW |
| M40x1,5 | 22 - 32 | 10 | 53 | 53 | 61,5 | 10 | 50.036M40PA10 | 5036M40PA10/7035 | 50.036M40PA10/SW |
| M50x1,5 | 30 - 38 | 12 | 60 | 60 | 67,5 | 5 | 50.042M50PA12 | 5042M50PA12/7035 | 50.042M50PA12/SW |
| M63x1,5 | 34 - 44 | 12 | 65 | 65 | 67 | 5 | 50.048M63PA12 | 5048M63PA12/7035 | 50.048M63PA12/SW |

Anschlussgewinde lang
Connecting thread long

| A | øC mm | L mm | SW1 mm | SW2 mm | H mm | 100 | Color / RAL | | |
|---------|----------|---------|-----------|-----------|---------|-----|---------------------------------------|-------------------------------------|---------------------------------------|
| | | | | | | | Art.-Nr. / Part No. | Art.-Nr. / Part No. | Art.-Nr. / Part No. |
| M16x1,5 | 5 - 10 | 15 | 22 | 22 | 44 | 100 | RAL 7001 silbergrau silver grey | RAL 7035 lichtgrau light grey | RAL 9005 tief schwarz jet black |
| M20x1,5 | 6 - 12 | 11 | 24 | 24 | 41,5 | 100 | 50011M16PA | 50011M16PA7035 | 50011M16PASW |
| M20x1,5 | 10 - 14 | 15 | 27 | 27 | 47,5 | 50 | 50013M20PA | 50013M20PA7035 | 50013M20PASW |
| M25x1,5 | 13 - 18 | 15 | 33 | 33 | 52 | 50 | 50016M20PA | 50016M20PA7035 | 50016M20PASW |
| M25x1,5 | 13 - 18 | 15 | 33 | 33 | 52 | 50 | 50021M25PA | 50021M25PA7035 | 50021M25PASW |
| M32x1,5 | 18 - 25 | 15 | 42 | 42 | 57 | 25 | 50029M32PA | 50029M32PA7035 | 50029M32PASW |
| M40x1,5 | 22 - 32 | 18 | 53 | 53 | 69 | 10 | 50036M40PA | 50036M40PA7035 | 50036M40PASW |
| M50x1,5 | 30 - 38 | 18 | 60 | 60 | 73,5 | 5 | 50042M50PA | 50042M50PA7035 | 50042M50PASW |
| M63x1,5 | 34 - 44 | 18 | 65 | 65 | 73 | 5 | 50048M63PA | 50048M63PA7035 | 50048M63PASW |

TECHNISCHE DATEN:

Aufbau

| | |
|------------------|---------------------------------------|
| Hutmutter | Polyamid PA6 V-2 |
| Dichtring | Polychloropren-Nitrilkautschuk CR/NBR |
| Zwischenstutzen | Polyamid PA6 V-2 |
| Anschlussgewinde | Pg, nach DIN 40430 |

Eigenschaften

- integrierte Zugentlastung
- großer Dicht- und Klemmbereich
- montagefreundlich
- UV- und Witterungsbeständigkeit gemäß UL 514B

| | |
|-------------------|---|
| Temperaturbereich | -20 °C / +100 °C (dynamisch) -40 °C (statisch, kurzzeitig) |
|-------------------|---|

| | |
|---------------|---|
| Schutzart | IP68 - 5 bar |
| Prüfnorm | UL 514B |
| UL / CSA-File | E140310 |
| Hinweis | Angaben zu den Prüfergebnissen - siehe Anhang |

TECHNICAL DATA:

Configuration

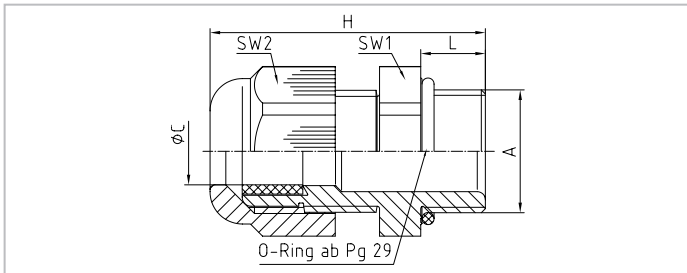
| | |
|-------------------|---------------------------------------|
| Dome nut | Polyamide PA6 V-2 |
| Sealing ring | Polychloroprene-Nitrile rubber CR/NBR |
| Gland body | Polyamide PA6 V-2 |
| Connecting thread | Pg, as per DIN 40430 |

Properties

- integrated anchorage
- wide sealing and clamping range
- easy-to-install
- UV- and weather resistance according UL 514B

| | |
|-------------------|---|
| Temperature range | -20 °C / +100 °C (dynamic) -40 °C (static, short term) |
|-------------------|---|

| | |
|------------------|--|
| Protection grade | IP68 - 5 bar |
| Test standard | UL 514B |
| UL / CSA-File | E140310 |
| Comment | details about test results - see annex |



Merkmale

Characteristics

Anschlussgewinde Standardlänge

Connecting thread standard length

| A | ØC mm | L mm | SW1 mm | SW2 mm | H mm | 📦 | RAL Colors | | |
|---------|----------|---------|-----------|-----------|---------|-----|---------------------------------------|-------------------------------------|--------------------------------------|
| | | | | | | | RAL 7001 silbergrau silver grey | RAL 7035 lichtgrau light grey | RAL 9005 tiefschwarz jet black |
| | | | | | | | Art.-Nr. / Part No. | Art.-Nr. / Part No. | Art.-Nr. / Part No. |
| Pg 7 | 3 - 6,5 | 8 | 15 | 15 | 30,5 | 100 | 50.007 PA | 50.007 PA7035 | 50.007 PA/SW |
| Pg 9 | 4 - 8 | 8 | 19 | 19 | 34 | 100 | 50.009 PA | 50.009 PA7035 | 50.009 PA/SW |
| Pg 11 | 5 - 10 | 8 | 22 | 22 | 37 | 100 | 50.011 PA | 50.011 PA7035 | 50.011 PA/SW |
| Pg 13,5 | 6 - 12 | 9 | 24 | 24 | 39 | 100 | 50.013 PA | 50.013 PA7035 | 50.013 PA/SW |
| Pg 16 | 10 - 14 | 10 | 27 | 27 | 42,5 | 50 | 50.016 PA | 50.016 PA7035 | 50.016 PA/SW |
| Pg 21 | 13 - 18 | 11 | 33 | 33 | 47,5 | 50 | 50.021 PA | 50.021 PA7035 | 50.021 PA/SW |
| Pg 29 | 18 - 25 | 11 | 42 | 42 | 53 | 25 | 50.029 PA | 50.029 PA7035 | 50.029 PA/SW |
| Pg 36 | 22 - 32 | 13 | 53 | 53 | 61 | 10 | 50.036 PA | 50.036 PA7035 | 50.036 PA/SW |
| Pg 42 | 30 - 38 | 13 | 60 | 60 | 65 | 5 | 50.042 PA | 50.042 PA7035 | 50.042 PA/SW |
| Pg 48 | 34 - 44 | 14 | 65 | 65 | 67 | 5 | 50.048 PA | 50.048 PA7035 | 50.048 PA/SW |

Anschlussgewinde lang

Connecting thread long

| A | ØC mm | L mm | SW1 mm | SW2 mm | H mm | 📦 | RAL Colors | | |
|---------|----------|---------|-----------|-----------|---------|-----|---------------------------------------|-------------------------------------|--------------------------------------|
| | | | | | | | RAL 7001 silbergrau silver grey | RAL 7035 lichtgrau light grey | RAL 9005 tiefschwarz jet black |
| | | | | | | | Art.-Nr. / Part No. | Art.-Nr. / Part No. | Art.-Nr. / Part No. |
| Pg 7 | 3 - 6,5 | 15 | 15 | 15 | 37,5 | 100 | 50.007 PA15 | 50007/7035/15 | 50.007 PASW15 |
| Pg 9 | 4 - 8 | 15 | 19 | 19 | 41 | 100 | 50.009 PA15 | 50009/7035/15 | 50.009 PASW15 |
| Pg 11 | 5 - 10 | 15 | 22 | 22 | 44 | 100 | 50.011 PA15 | 50011/7035/15 | 50.011 PASW15 |
| Pg 13,5 | 6 - 12 | 15 | 24 | 24 | 45 | 100 | 50.013 PA15 | 50013/7035/15 | 50.013 PASW15 |
| Pg 16 | 10 - 14 | 15 | 27 | 27 | 47,5 | 50 | 50.016 PA15 | 50016/7035/15 | 50.016 PASW15 |
| Pg 21 | 13 - 18 | 15 | 33 | 33 | 51,5 | 50 | 50.021 PA15 | 50021/7035/15 | 50.021 PASW15 |
| Pg 29 | 18 - 25 | 15 | 42 | 42 | 57 | 25 | 50.029 PA15 | 50029/7035/15 | 50.029 PASW15 |
| Pg 36 | 22 - 32 | 18 | 53 | 53 | 66 | 10 | 50.036 PA18 | 50036/7035/18 | 50.036 PASW18 |

TECHNISCHE DATEN:
Aufbau

| | |
|------------------|---------------------------------------|
| Hutmutter | Polyamid PA6 V-2 |
| Dichtring | Polychloropren-Nitrilkautschuk CR/NBR |
| Zwischenstutzen | Polyamid PA6 V-2 |
| Anschlussgewinde | NPT |

Eigenschaften

- integrierte Zugentlastung
- großer Dicht- und Klemmbereich
- montagefreundlich
- UV- und Witterungsbeständigkeit gemäß UL 514B

Temperaturbereich -20 °C / +100 °C (dynamisch)
-40 °C (statisch, kurzzeitig)

| | |
|---------------|---|
| Schutzart | IP68 - 5 bar |
| Prüfnorm | UL 514B |
| UL / CSA-File | E140310 |
| Hinweis | Angaben zu den Prüfergebnissen - siehe Anhang |

TECHNICAL DATA:
Configuration

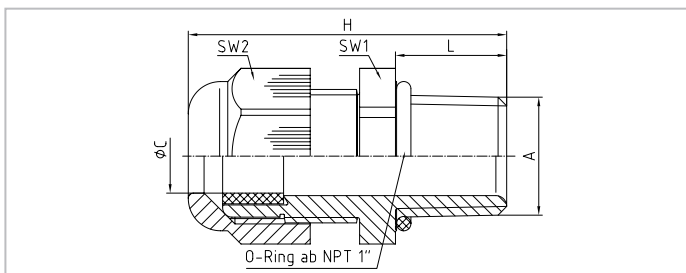
| | |
|-------------------|---------------------------------------|
| Dome nut | Polyamide PA6 V-2 |
| Sealing ring | Polychloroprene-Nitrile rubber CR/NBR |
| Gland body | Polyamide PA6 V-2 |
| Connecting thread | NPT |

Properties

- integrated anchorage
- wide sealing and clamping range
- easy-to-install
- UV- and weather resistance according UL 514B

Temperature range -20 °C / +100 °C (dynamic)
-40 °C (static, short term)

| | |
|------------------|--|
| Protection grade | IP68 - 5 bar |
| Test standard | UL 514B |
| UL / CSA-File | E140310 |
| Comment | details about test results - see annex |


Merkmale
Characteristics
Anschlussgewinde Standardlänge
Connecting thread standard length

| A | ØC mm | L mm | SW1 mm | SW2 mm | H mm | 📦 | RAL 7001 silbergrau / silver grey RAL 7035 lichtgrau / light grey RAL 9005 tiefschwarz / jet black | | |
|------------|----------|---------|-----------|-----------|---------|-----|--|---------------------|---------------------|
| | | | | | | | Art.-Nr. / Part No. | Art.-Nr. / Part No. | Art.-Nr. / Part No. |
| NPT 1/4 | 4 - 8 | 9 | 19 | 19 | 35 | 100 | | | 50.11409PA/SW* |
| NPT 3/8" | 5 - 10 | 15 | 22 | 22 | 44,5 | 100 | 50.138 PA | 50.138 PA7035 | 50.138 PA/SW |
| NPT 1/2" | 6 - 12 | 14,5 | 24 | 24 | 45 | 100 | 50.11213 PA | 50.11213 PA7035 | 50.11213PA/SW |
| NPT 1/2" | 10 - 14 | 15 | 27 | 27 | 47,5 | 100 | 50.112 PA | 50.112PA7035 | 50.112 PA/SW |
| NPT 3/4" | 14 - 18 | 15 | 33 | 33 | 52 | 50 | 50.134 PA | 50.134PA7035 | 50.134 PA/SW |
| NPT 1" | 19 - 25 | 18 | 42 | 42 | 60,5 | 25 | 50.110 PA | 50.110 PA7035 | 50.110 PA/SW |
| NPT 1 1/4" | 22 - 32 | 18 | 53 | 53 | 69,5 | 10 | 50.114 PA | 50.114 PA7035 | 50.114 PA/SW |

* Artikelnummer ist nicht im UL / CSA-File E140310 enthalten.

* Part number is not covered by UL / CSA-File E140310.