

## PERFECT Ex-cable gland

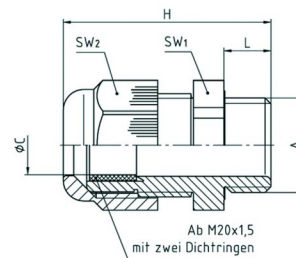
50.6xx PAzz/EX

|                                |                                       |
|--------------------------------|---------------------------------------|
| <b>Dome nut</b>                | Polyamide PA6                         |
| <b>Dust cap</b>                | Polyethylene PE-LD                    |
| <b>Sealing ring/outer part</b> | Polychloroprene-Nitrile rubber CR/NBR |
| <b>Sealing ring/inner part</b> | Evoprene TPE (from M20x1,5)           |
| <b>Gland body</b>              | Polyamide PA6                         |
| <b>Connecting thread</b>       | metric, as per EN 60423               |



### Properties

|                               |  |
|-------------------------------|--|
|                               | <ul style="list-style-type: none"> <li>• wide sealing and clamping range</li> <li>• integrated anchorage</li> <li>• easy-to-install</li> </ul> |
| <b>Equipment group</b>        | II   |
| <b>Category / Zone</b>        | 2G, 2D and 3G/ 1, 2, 21, 22  |
| <b>Type of protection</b>     | Ex e, increased safety<br>Ex tD A21 - Protection by enclosures   |
| <b>Cable installation</b>     | fixed  |
| <b>Temperature range (°C)</b> | -20°C / +70 (M12 und M16)<br>Further information on page 23<br>-30°C / +70 (M20 bis M63)   |
| <b>Protection grade</b>       | 66   |
| <b>Test standard</b>          | EN 60079-0 / EN 60079-7<br>EN 61241-0 / EN 61241-1   |
| <b>EC-Type certificate</b>    | PTB 99 ATEX 3101 X (M12 und M16)<br>PTB 99 ATEX 3128 X (M20 bis M63)   |
| <b>IECEX certificate</b>      | IECEX PTB 05.0004x   |





### Features




RAL 9005

Connecting thread standard length

| A       | ØC       | L  | SW1 | SW2 | H    |  | Part No.       |
|---------|----------|----|-----|-----|------|--|----------------|
| M12x1,5 | 4 - 7    | 8  | 15  | 15  | 31   | 100  | 50.612 PASW/EX |
| M16x1,5 | 5,5 - 10 | 8  | 20  | 20  | 35,5 | 100  | 50.616 PASW/EX |
| M20x1,5 | 5,5 - 13 | 8  | 24  | 24  | 37   | 100  | 50.620 PASW/EX |
| M25x1,5 | 8 - 17   | 8  | 29  | 29  | 43   | 50   | 50.625 PASW/EX |
| M32x1,5 | 12 - 21  | 10 | 36  | 36  | 50   | 25   | 50.632 PASW/EX |

| A       | ØC      | L  | SW1 | SW2 | H    |  | Part No.       |
|---------|---------|----|-----|-----|------|--|----------------|
| M40x1,5 | 17 - 28 | 10 | 46  | 46  | 51   | 10   | 50.640 PASW/EX |
| M50x1,5 | 22 - 35 | 12 | 55  | 55  | 61,5 | 5  | 50.650 PASW/EX |
| M63x1,5 | 27 - 48 | 12 | 68  | 68  | 65,5 | 5  | 50.663 PASW/EX |


## Connecting thread long

| A       | ØC       | L  | SW1 | SW2 | H    |  | Part No.        |
|---------|----------|----|-----|-----|------|--|-----------------|
| M12x1,5 | 4 - 7    | 12 | 15  | 15  | 35   | 100  | 50.612 PASWL/EX |
| M16x1,5 | 5,5 - 10 | 12 | 20  | 20  | 39,5 | 100  | 50.616 PASWL/EX |
| M20x1,5 | 5,5 - 13 | 13 | 24  | 24  | 42   | 100  | 50.620 PASWL/EX |
| M25x1,5 | 8 - 17   | 13 | 29  | 29  | 48   | 50   | 50.625 PASWL/EX |
| M32x1,5 | 12 - 21  | 15 | 36  | 36  | 55   | 25   | 50.632 PASWL/EX |
| M40x1,5 | 17 - 28  | 15 | 46  | 46  | 56   | 10   | 50.640 PASWL/EX |
| M50x1,5 | 22 - 35  | 16 | 55  | 55  | 65,5 | 5  | 50.650 PASWL/EX |
| M63x1,5 | 27 - 48  | 16 | 68  | 68  | 69,5 | 5  | 50.663 PASWL/EX |





RAL 5015

## Connecting thread standard length

| A       | ØC       | L  | SW1 | SW2 | H    |  | Part No.       |
|---------|----------|----|-----|-----|------|--|----------------|
| M12x1,5 | 4 - 7    | 8  | 15  | 15  | 31   | 100  | 50.612 PABL/EX |
| M16x1,5 | 5,5 - 10 | 8  | 20  | 20  | 35,5 | 100  | 50.616 PABL/EX |
| M20x1,5 | 5,5 - 13 | 8  | 24  | 24  | 37   | 100  | 50.620 PABL/EX |
| M25x1,5 | 8 - 17   | 8  | 29  | 29  | 43   | 50   | 50.625 PABL/EX |
| M32x1,5 | 12 - 21  | 10 | 36  | 36  | 50   | 25   | 50.632 PABL/EX |
| M40x1,5 | 17 - 28  | 10 | 46  | 46  | 51   | 10   | 50.640 PABL/EX |
| M50x1,5 | 22 - 35  | 12 | 55  | 55  | 61,5 | 5  | 50.650 PABL/EX |
| M63x1,5 | 27 - 48  | 12 | 68  | 68  | 65,5 | 5  | 50.663 PABL/EX |

## Connecting thread long

| A       | ØC    | L  | SW1 | SW2 | H  |  | Part No.         |
|---------|-------|----|-----|-----|----|--|------------------|
| M12x1,5 | 4 - 7 | 12 | 15  | 15  | 35 | 100  | 50.612 PABL/L/EX |

| A       | ØC       | L  | SW1 | SW2 | H    |  | Part No.         |
|---------|----------|----|-----|-----|------|--|------------------|
| M16x1,5 | 5,5 - 10 | 12 | 20  | 20  | 39,5 | 100  | 50.616 PABL/L/EX |
| M20x1,5 | 5,5 - 13 | 13 | 24  | 24  | 42   | 100  | 50.620 PABL/L/EX |
| M25x1,5 | 8 - 17   | 13 | 29  | 29  | 48   | 50   | 50.625 PABL/L/EX |
| M32x1,5 | 12 - 21  | 15 | 36  | 36  | 55   | 25   | 50.632 PABL/L/EX |
| M40x1,5 | 17 - 28  | 15 | 46  | 46  | 56   | 10   | 50.640 PABL/L/EX |
| M50x1,5 | 22 - 35  | 16 | 55  | 55  | 65,5 | 5  | 50.650 PABL/L/EX |
| M63x1,5 | 27 - 48  | 16 | 68  | 68  | 69,5 | 5  | 50.663 PABL/L/EX |

Blue dome nut = specific marking for type of protection Ex i - intrinsic safety