

# GTM12 bulkhead mounting , a-code, pin

According EN 61076-2-101

Item number: GTM12-S-4-MP-BR-M16-1.5-200

Packing unit: 1



## MECHANICAL PROPERTIES

|                                 |                     |
|---------------------------------|---------------------|
| Design:                         | Bulkhead receptacle |
| Version:                        | Straight            |
| Coding:                         | S                   |
| Number of contacts:             | 4                   |
| Connection type:                | Crimp / Moulded     |
| Contact type:                   | Pin contact         |
| Number of mating cycles (min.): | 200                 |
| Wire section [mm²]:             | 1.5                 |
| Cable length [mm]:              | 200                 |
| Shell material:                 | Zinc cast           |
| Surface:                        | Electroless nickel  |

## MECHANICAL PROPERTIES

|                   |                                                           |
|-------------------|-----------------------------------------------------------|
| RoHS-compliant:   | Compliant with exception 6c (copper alloy $\leq$ 4% lead) |
| REACH-compliant:  | SVHC substances, yes - Lead                               |
| Contact Material: | AU over copper alloy                                      |
| EMI:              | Shell contact                                             |

## THERMAL PROPERTIES

|                          |                |
|--------------------------|----------------|
| Material contact insert: | Polyamide (PA) |
|--------------------------|----------------|

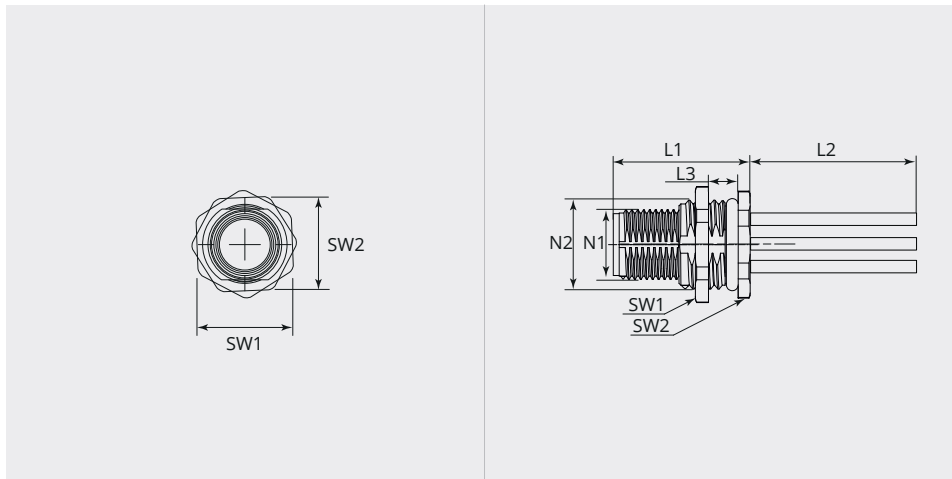
## ELECTRICAL PROPERTIES

|                                                   |                |
|---------------------------------------------------|----------------|
| Insulation resistance ( $\Omega$ ):               | $\geq 10^{10}$ |
| Potential drop between contacts and housing [kV]: | 3.31           |
| Potential drop across contacts [kV]:              | 3.31           |
| Pollution degree:                                 | 3              |
| Rated DC voltage [V]:                             | 630            |
| Rated current [A]:                                | 12             |

## STANDARDS

|                                                  |                                                           |
|--------------------------------------------------|-----------------------------------------------------------|
| Fire protection class EN 45545-2:                | R23: HL1/HL2/HL3                                          |
| Fire protection class NF F 16-101 / NF F 16-102: | I2/F2                                                     |
| Protection class EN 60529 (mounted):             | IP67                                                      |
| RoHS-compliant:                                  | Compliant with exception 6c (copper alloy $\leq$ 4% lead) |
| REACH-compliant:                                 | SVHC substances, yes - Lead                               |

## DIMENSIONS



## DIMENSIONS

|          |           |
|----------|-----------|
| L1 [mm]: | 23.0      |
| L2 [mm]: | 200.0     |
| L3 [mm]: | 2.5 - 4.5 |
| N1:      | M12x1     |
| N2:      | M16x1.5   |
| WS1:     | 18        |

· Please contact your Gimota partner for other M12 products