

# Plug-set with bayonet coupling nut, for EMI applications

Series GB

Item number: GB061XE14SZ-10PX-EAE-A20

Product weight (kg): 0.0421 kg

Packing unit: 1



## THE SET INCLUDES:

**Plug:** GB601-14SZ-10PX-EAE

**Backshell:** EC-14-09-AE

**Accessories:** SUGSC500  
FTH11-06

## MECHANICAL PROPERTIES

|                                           |                    |
|-------------------------------------------|--------------------|
| Size:                                     | 14S                |
| Contact type:                             | Pin contact        |
| Shell material:                           | Aluminum alloy     |
| Surface:                                  | Electroless nickel |
| Thickness of surface treatment [ $\mu$ ]: | 12-15 $\mu$        |
| Surface colour:                           | Blank              |
| Corrosion resistance [h]:                 | 48                 |
| Operation temperature [°C]:               | -55 - +125         |
| Conductivity (M $\Omega$ ):               | $\leq 0.5$         |
| EMI:                                      | Yes                |
| Material sealing ring:                    | Silicone           |
| Coupling-torque to lock [Nm]:             | max. 1.8           |
| Coupling-torque to open [Nm]:             | min. 0.55          |

## THERMAL PROPERTIES

|                                    |                       |
|------------------------------------|-----------------------|
| Material contact insert:           | Ethylene acrylate GXF |
| Operating temperature insert [°C]: | -55 - +150            |

## ELECTRICAL PROPERTIES

|                             |        |
|-----------------------------|--------|
| Operating voltage DC [V]:   | 750    |
| Operating voltage AC [V]:   | 600    |
| Test voltage AC [V]:        | 1500   |
| Insulation resistance (mΩ): | ≥ 5000 |

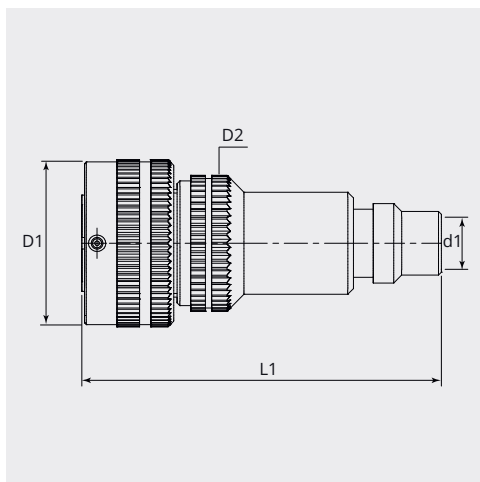
## ELECTRICAL PROPERTIES CONTACTS

|                                             |     |
|---------------------------------------------|-----|
| Size 20 - rated current (continuous) [A]:   | 7.5 |
| Size 20 - maximum current (short-term) [A]: | 7.5 |
| Size 20 - test current [A]:                 | 7.5 |

## STANDARDS

|                                      |                                     |
|--------------------------------------|-------------------------------------|
| Fire protection class EN 45545-2:    | R22:HL1/HL2/HL3<br>R23: HL1/HL2/HL3 |
| Protection class EN 60529 (mounted): | IP69                                |

## DIMENSIONAL DRAWING



## DIMENSIONAL DRAWING

|            |           |
|------------|-----------|
| D1 Ø [mm]: | 29.5      |
| D2 Ø [mm]: | 24        |
| d1 Ø [mm]: | 5.2 / 9.2 |
| L1 [mm]:   | 65        |