

# Product Data Sheet

## GW60105



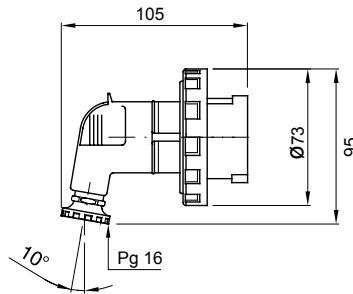
A range of trailing and fixed plugs and socket-outlets for industrial use, complying with the dimensional and performance standards unified at International level (IEC 60309) and assimilated by the European Standards (EN 60309) and Italian Standards (CEI 23-12). Socket-outlets and plugs with a rated current of 63 and 125A are equipped with an extra pilot contact (CP) for creating an electric interlock. The range is completed with 90° fixed plugs and 10° and 90° fixed socket-outlets. Sleeves and pins are obtained from solid brass bar, type Pt. CuZn40Pb2 (Cu 58%, Zn 40%, Pb 2%); anti-loosening terminals with unlosable screws.

|                                 |                                                |                              |                                                    |
|---------------------------------|------------------------------------------------|------------------------------|----------------------------------------------------|
| Colour                          | Yellow                                         | Rated current (A)            | 16                                                 |
| IP degree                       | IP67                                           | No. of poles                 | 2P+E                                               |
| Mechanical resistance           | IK08                                           | Reference h                  | 4                                                  |
| Rated voltage                   | 100 - 130 V                                    | Type                         | 90° plug                                           |
| Frequency                       | 50/60 Hz                                       | Terminal tightening capacity | 1-2.5 mm² flexible cables - 1.5-4 mm² rigid cables |
| Cable clamp tightening capacity | 7.5-13.2 mm                                    | Operating temperature        | -25 +55 °C                                         |
| Type of wiring                  | With screw                                     | Electrocod                   | 2231                                               |
| Glow wire test                  | 850 °C (active parts) - 650 °C (passive parts) | Total number of operations   | > 5000                                             |
| Permissible overload            | 22 A                                           | Breaking capacity at 1.1 Un  | 20 A                                               |
| Insulation resistance           | > 10 MΩ                                        | Thermo-pressure with ball    | 125 °C (active parts) - 80 °C (passive parts)      |

### BEHAVIOUR WITH CHEMICAL AND ATMOSPHERIC AGENTS

| Saline solution | Acids         |                    | Bases              |           | Solvents  |           |           |            | Mineral oil | UV rays   |
|-----------------|---------------|--------------------|--------------------|-----------|-----------|-----------|-----------|------------|-------------|-----------|
|                 | Concentrated  | Diluted            | Concentrated       | Diluted   | Hexane    | Benzol    | Acetone   | Alcohol    |             |           |
| Resistant       | Not resistant | Limited resistance | Limited resistance | Resistant | Resistant | Resistant | Resistant | Resistente | Resistant   | Resistant |

### DIMENSIONAL



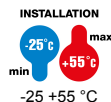
### TECHNICAL SYMBOLOGY

IP

IP67

IK

IK08



-25 +55 °C



With screw

GWT

850 °C (active parts)  
- 650 °C (passive parts)



125 °C (active parts)  
- 80 °C (passive parts)

### STANDARDS/APPROVALS



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