

# EX COMPACT CONNECTOR

Zones 1, 2, 21, 22

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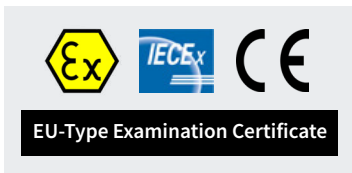
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CONTROL & CONNECTION EQUIPMENT

## ATEX PLUGS & SOCKETS

ZONES 1, 2 (gas) & 21, 22 (dust)



Compact and rugged connector designed for all types of aggressive environments (humidity, corrosion, pollution) found in many industrial hazardous areas.

The 5 contacts connection can meet all needs and applications such as lighting.

This connector is both quickly assembled and put into service. Its locking ring resists vibration thus preventing accidental disconnection of the plug on load.

The technically advanced silver-nickel butt contact system assures next level performance no matter the conditions. The connector guarantees a long-lasting and electrically efficient connection for your industry.

### ITEM REFERENCES

Designation:	Voltage:	Poles:	Item No.:
Socket-outlet (Female)	250V	3P+N+T	6D0201
Inlet (Male)	250V	3P+N+T	6D0202

### TECHNICAL SPECIFICATIONS

Marking:	<b>Ex</b> II 2GD Ex e IIC T6 Gb Ex tb IIIC T72°C Db
Certificate:	EU-Type Examination Certificate
Operating conditions:	Indoor / Outdoor
Housing:	Glassfibre reinforced thermoplastic UL94 V-0
Butt contacts:	Copper alloy with silver-nickel tips
Contact protection:	Tinning
Load cycles:	More than 2000 cycles
Shock resistance:	IK08
Vibration:	Frequency 5-1000Hz, 1g (90 minutes on each critical frequency) According to IEC 6068 2-6
Impulse withstand voltage:	5 kV / Pollution degree 3
Contact resistance:	<2mΩ
Permitted current range:	4-20 mA / 5 A
Ducts accepted:	From 0,75 mm <sup>2</sup> to 2,5 mm <sup>2</sup> Mechanical terminals
Cable diameter:	From 7 to 14 mm
Operating temperature:	-20°C to +70°C
IP protection Socket with cap:	IP66/IP67   IP69K 100 bar (1450 PSI) 80°C
IP protection connected plug:	IP66/IP67   IP69K 100 bar (1450 PSI) 80°C
Resistance to fluids:	Motor oils, petrol, fats, detergents