

Coils 32 mm / 37 mm / 40 mm for N33-N34-N35 Series Safe Area

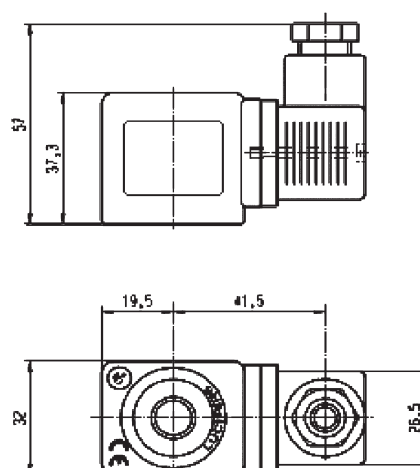
Ref. 481865

N3x series are compatible with any Parker Lucifer coil part of electrical group 2. That group includes many different coils for safe areas or areas submitted to ATEX certifications. These coils are of the 8/9W class.

These coils with connection for 2P+G DIN 43650 A plug are encapsulated in synthetic material, conform to the IEC/CENELEC safety standards and comply with European low voltage directive 73/23/EC.

- Power: 8W (AC) 9W (DC)
- Insulation Class: F (155°C)
- Degree of Protection: IP65 (with plug)
- Duty Cycle: 100% ED
- Voltage Tolerance -10%/+10%
- Ambient Temperature -40°C/+50°C
 - ▶ The application can be limited also by the temperature range of the valve

Available Voltages	Order Code
12VDC	481865 C1
24VDC	481865 C2
48VDC	481865 C4
110VDC	481865 C5
24/50VAC	481865 A2
48/50VAC	481865 A4
110/50VAC	481865 A5
220-230/50VAC	481865 3D
380/50VAC	481865 A9
24/60VAC	481865 B2
115/60VAC	481865 K8
230/60VAC	481865 J3



How to Order

This coil must be used together with a housing kit which includes a nut, a plate, and a washer. Housing Kit Order Code: **2995**

Valve Reference Number - Housing Reference - Coil Reference - Voltage Code = Order Code

Example: 341N35 - 2995 - 481865 C2

Valves and coils may be ordered also separately.

Coils and Spare Parts Informations

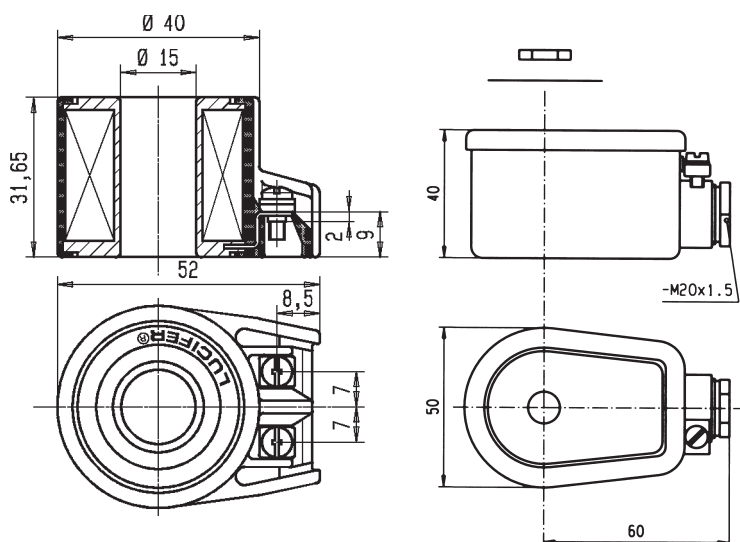
Coils 32 mm / 37 mm / 40 mm for N33-N34-N35 Series Safe Area Coil 481000 Series with 4538 Watertight and dust proof housing IP67

Ref. 481000

Coil 481000 series is encapsulated in synthetic material. Electrical connection is made with screw terminals for wire up to 1.5 mm. This coil conforms to the IEC/CENELEC safety standards and complies with European low voltage directive 73/23/EC. It must be used with a metallic housing.

- Power: 8W
- Insulation Class: F (155°C)
- Degree of Protection: IP67 (with 4538 housing)
- Duty Cycle: 100%
- Voltage Tolerance -10%/+10%
- Ambient Temperature -40°C/+50°C
- ▶ The application can be limited also by the temperature range of the valve

Available Voltages	Order Code
12VDC	481000 C1
24VDC	481000 C2
48VDC	481000 C4
110VDC	481000 C5
24/50VAC	481000 A2
48/50VAC	481000 A4
110-115/50VAC	481000 OA
220-230/50VAC	481000 3D
380/50-440/60VAC	481000 5P
24/60VAC	481000 B2
110-115/60VAC	481000 6J
220-240/60VAC	481000 4K
42/50-48/60VAC	481000 S7



Housing 4538

This enclosure is dust and water proof. It corresponds to the protection degree IP67 according to IEC/EN60529. Corrosion resistant, the metallic housing offers good protection for the coil against shocks. It can be 360° orientable. This housing must be equipped with 481000 series coil.

Material: galvanized passivated steel - Degree of protection IP67 according to IEC/EN 60529 - Electrical connection: cable connection by cable gland according to DIN46320. Cable with outer diameter 6.5-13.5 mm (M20x1.5) can be simply sealed using a rubber gland resilient sealing rings. The enclosure is internally and externally fitted with grounding and earthing screw terminals.

How to Order

Valve Reference Number - Housing Reference - Coil Reference - Voltage Code = Order Code

Example: 331N34 - 4538 - 481000C2

Valves and coils may be ordered also separately.

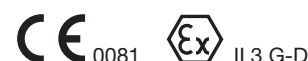
Coils 32 mm / 37 mm / 40 mm for N33-N34-N35 Series ATEX Zone 2-22

Ref. 495870

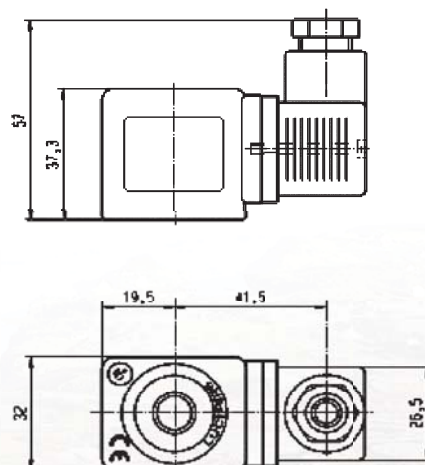
This coil with connection 2P+G - when mounted together with the supplied Pg 9 plug (delivered with the coil), is suitable for use in Gas and Dust dangerous areas (**Zone 2-22**), according to the European directive **ATEX 94/9/C**.

Certificate LCIE 05 ATEX 6003 X - Protection mode: non sparking / limited energy solenoid

- II 3 G - Ex nAC IIC T3 / T4
- II 3 D - Ex tD A22 IP65 - T 195°C / T 130°C



- Power: 8W (AC) 9W (DC)
- Insulation Class: F (155°C)
- Degree of Protection: IP65 (with plug)
- Duty Cycle: 100% ED
- Voltage Tolerance -10%/+10%
- Ambient temperature
 - ▶ T3 (gaz) T 195°C (dust) -40°C/+65°C
 - ▶ T4 (gaz) T 130°C (dust) -40°C/+50°C
 - ▶ The application can be limited also by the temperature range of the valve



Available Voltages	Order Code
24VDC	495870 C2
48VDC	495870 C4
110VDC	495870 C5
24/50VAC	495870 A2
48/50VAC	495870 A4
110/50VAC	495870 A5
220-230/50VAC	495870 3D



How to Order

This coil must be used together with a housing kit which includes a nut, a plate, and a washer. Housing kit order code: **2995**

Valve Reference Number - Coil Reference - Voltage code = Order code

Example: 331N34 - 2995 - 495870 A5

Valves and coils may be ordered also separately.

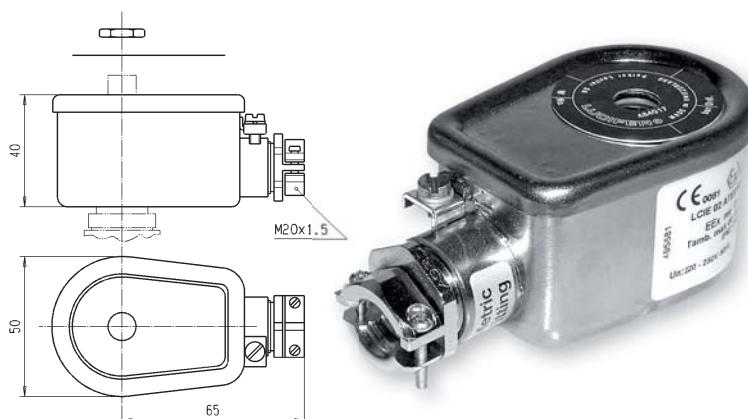
Coils 32 mm / 37 mm / 40 mm for N33-N34-N35 Series ATEX Solutions Zone 1-21

Ref. 483371 & 494040

These coils are suitable for use in Gas and Dust dangerous areas (**Zone 1-21**), according to the European directive **ATEX 94/9/C**. **Protection mode: encapsulated electrical parts with increased safety.**

Reference		483371 or HZ06	494040 or HZ23
Approval		LCIE 02 ATEX 6011 X	
Type of protection	Gas	II 2 G - Ex e mb II T4	II 2 G - Ex e mb II T3
	Dust	II 2 D - Ex tD A21 T 130°C	II 2 D - Ex tD A21 T 195°C
Degree of protection		IP67	IP67
Ambiant temperature		-40°C to +65°C	-40°C to +90°C
		-40°C to +65°C	
Class of insulation		The application is limited also by the temperature range of the valve	
		F (155°)	H (180°)
Electrical connection		By special cable gland or M20x1.5 "Ex e" on screw terminals for wires up to 1.5 mm ² . Cables with outside diameter 6.5 mm to 13.5 mm can be simply sealed using the rubber gland with resilient sealing rings supplied.	
Elect. Power	DC Pn (hot)	8 W	8 W
	P (cold) 20°C	9 W	9 W
	AC Pn (holding)	8 W	8 W
		32 VA (9 W)	32 VA (9 W)
Voltage tolerance		Tolerance -10/ +10% of the nominal voltage	
Solenoid duty		Continuous duty solenoid (ED 100%)	

Available Voltages	Order Code	Order Code
6VDC	483371 C0	-
12VDC	483371 C1	-
24VDC	483371 C2	494040 C2
36VDC	483371 C3	-
48VDC	483371 C4	-
60VDC	483371 M3	-
110VDC	483371 C5	-
125VDC	483371 3N	494040 3N
220VDC	483371 C7	494040 C7
12/50VAC	483371 A1	-
24/50VAC	483371 A2	494040 A2
48/50VAC	483371 A4	-
110-115/50VAC	483371 0A	494040 0A
220-230/50	483371 3D	494040 3D
24/60VAC	483371 B2	-
110-115/60VAC	483371 6J	-
220-240/60VAC	483371 4K	-
380/50-440/60VAC	-	494040 5P



Fuses: Both electrical 483371... and 494040... parts have to be connected in series with a safety fuse according to CEI 60127-3.

483371...

DC: 24V / 400mA - 48V / 250mA
110V / 100mA

AC: 24V / 630mA - 48V / 315mA
110/115V / 160mA
220/230V / 80mA

494040...

DC: 24V / 400mA - 125V / 80mA
48V / 220V - 63mA

AC: 24V / 630mA - 48V / 315mA
110/115V / 160mA
220/230V / 80mA

How to Order

The housing kit is already included into the coil reference, so it's not needed to add it in the order code:

Valve Reference Number - Coil Reference - Voltage code = Order code

Example: 347N33 - 483371C2

Valves and coils may be ordered also separately.