

## **SERIES CGAN** **ANGULAR GRIPPERS** **OPENING ANGLE 30°**



### **Fast and compact for optimum productivity**

Thanks to an opening angle of between  $-10^{\circ}$  and  $30^{\circ}$ , the Series CGAN angular grippers guarantee a fast and efficient grip even in reduced workspaces.

Its compact design and the materials used, make this gripper particularly suitable for all those applications requiring high precision and position repeatability such as Transferring, Pick & Place or Pick & Hold.

Fixing points on three different sides of the gripper body and its easy mounting by means of an optional adaptor, guarantee highly flexible installation, even in industrial sectors that demand high levels of production efficiency such as the assembly, packaging and Food & Beverage sectors.

#### **BENEFITS**

- Compact and light design
- Flexible mounting
- Fixing on 3 sides
- High speed opening and closing
- Position detection thanks to the use of Series CSD magnetic proximity switches

#### **SECTORS**



**Packaging**



**Food & beverage**



**Assembly**

## General Data

Type of construction	Self centering angular gripper
Operation	Double-acting
Sizes	10; 16; 20; 25; 32
Force transmission	Lever system
Opening torque at 6 bar	14 - 280 (Ncm)
Closing torque at 6 bar	10 - 230 (Ncm)
Opening/closing angle	2x15°
Air connections	M3 - M5
Operating pressure	2 ÷ 8 bar
Operating temperature	5°C ÷ 60°C
Store temperature	-10°C ÷ 80°C
Maximum use frequency	3 Hz
Repeatability	0.05°
Medium	Filtered air in class 7.4.4 according to ISO 8573-1. In case lubricated air is used, we recommend ISOVG32 oil and to never interrupt lubrication.
Compatibility	RoHS Directive
Certifications	ATEX (II 2GD c IIC 120°C(T4)-20°C≤Ta≤80)
Materials	PTFE, Silicone and Copper free
Compatible magnetic proximity switches	Series CSD

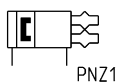
## Coding example

<b>CGAN</b>	<b>-</b>	<b>20</b>	<b>-</b>	<b>EX</b>
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<b>CGAN</b>	SERIES	PNEUMATIC SYMBOL PNZ1
<b>20</b>	SIZES: 10 = ø 10 mm 16 = ø 16 mm 20 = ø 20 mm 25 = ø 25 mm 32 = ø 32 mm	
<b>EX</b>	VERSION = Standard EX = Atex certified	

## Pneumatic symbol

The pneumatic symbol indicated in the CODING EXAMPLE is shown below.



## Contacts

**Camozzi Automation S.p.A.**  
Società Unipersonale  
Via Eritrea, 20/1  
25126 Brescia  
Italy  
Tel. +39 030 37921

**Customer Service**  
Tel. +39 030 3792790  
service@camozzi.com

**Export Department**  
Tel. +39 030 3792262  
sales@camozzi.com