

Identification letters

Note: Numbers in parentheses refer to the preceding explanatory notes in Clause 4.2.

First letters (1)		Succeeding letters (15)		
Column 1	Column 2	Column 3	Column 4	Column 5
Measured/Initiating Variable	Variable Modifier (10)	Readout/Passive Function	Output/Active Function	Function Modifier
A Analysis (2)(3)(4)		Alarm		
B Burner, Combustion (2)		User's Choice (5)	User's Choice (5)	User's Choice (5)
C User's Choice (3a)(5)			Control (23a)(23e)	Close (27b)
D User's Choice (3a)(5)	Difference, Differential, (11a)(12a)			Deviation (28)
E Voltage (2)		Sensor, Primary Element		
F Flow, Flow Rate (2)	Ratio (12b)			
G User's Choice		Glass, Gauge, Viewing Device (16)		
H Hand (2)				High (27a)(28a)(29)
I Current (2)		Indicate (17)		
J Power (2)		Scan (18)		
K Time, Schedule (2)	Time Rate of Change (12c)(13)		Control Station (24)	
L Level (2)		Light (19)		Low (27b)(28)(29)
M User's Choice (3a)(5)				Middle, Intermediate (27c)(28) (29)
N User's Choice (5)		User's Choice (5)	User's Choice (5)	User's Choice (5)
O User's Choice (5)		Orifice, Restriction		Open (27a)
P Pressure (2)		Point (Test Connection)		
Q Quantity (2)	Integrate, Totalize (11b)	Integrate, Totalize		
R Radiation (2)		Records (20)		Run
S Speed, Frequency (2)	Safety(14)		Switch (23b)	Stop
T Temperature (2)			Transmit	
U Multivariable (2)(6)		Multifunction (21)	Multifunction (21)	
V Vibration, Mechanical Analysis (2)(4)(7)			Valve, Damper, Louver (23c)(23e)	
W Weight, Force (2)		Well, Probe		
X Unclassified (8)	X-axis (11c)	Accessory Devices (22), Unclassified (8)	Unclassified (8)	Unclassified (8)
Y Event, State, Presence (2)(9)	Y-axis (11c)		Auxiliary Devices (23d)(25)(26)	
Z Position, Dimension (2)	Z-axis (11c), Safety Instrumented System (30)		Driver, Actuator, Unclassified final control element	

Instrumentation device and function symbols

Note: Numbers in parentheses refer to explanatory notes in Clause 5.3.1.

No.	Shared display, Shared control (1)		c	D	Location & accessibility (6)
	A	B			
	Primary Choice or Basic Process Control System (2)	Alternate Choice or Safety Instrumented System (3)	Computer Systems and Software (4)	Discrete (5)	
1					<ul style="list-style-type: none"> Located in field. Not panel, cabinet, or console mounted. Visible at field location. Normally operator accessible.
2					<ul style="list-style-type: none"> Located in or on front of central or main panel or console. Visible on front of panel or on video display. Normally operator accessible at panel front or console.
3					
4					<ul style="list-style-type: none"> Located in or on front of secondary or local panel or console. Visible on front of panel or on video display. Normally operator accessible at panel front or console.
5					

LEGENDA

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|--|--|--|-------------------------|--|------------------|
| | Valvola a 2 vie | | Azionamento a molla | | Pompa centrifuga |
| | Valvola normalmente chiusa | | Azionamento magnetico | | Pompa a pistone |
| | Valvola a globo | | Azionamento motore | | Pompa a lobi |
| | Valvola 3 vie | | Attuatore pneumatico | | Ventilatore |
| | Valvola ad angolo | | Valvola a solenoide | | Rotocella |
| | Valvola di sicurezza | | Scarico in pozzetto | | Filtro a maniche |
| | Valvola di ritegno | | Scaricatore di condense | | Pompa dosatrice |
| | Serranda antiritorno | | Limite di fornitura | | |
| | Valvola a farfalla | | Sirena | | |
| | Valvola a sfera | | Attuatore oleodinamico | | |
| | Riduttore di pressione | | Scambiatore di calore | | |
| | Valvola con filtro | | Bruciatore | | |
| | Antiritorno con riduttore di pressione | | Miscelatore statico | | |
| | Filtro a cestello estraibile | | | | |
| | Orificio calibrato | | | | |
| | Eiettore | | | | |
| | Filtro aria / gas | | | | |
| | Filtro generale | | | | |
| | Silenziatore | | | | |
| | Doppio clapert | | | | |

Committente:



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Progetto:

**Revamping delle linee "A" e "B"
del termovalorizzatore
di Cagliari - Macchiareddu**

Progetto definitivo

Progettisti:

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Committente:

Progettista:

Titolo:

LEGENDA SIMBOLI P&ID

Rev.	Data	Modifiche	Disegnato	Controllato
0	31.05.2018	Prima emissione	TOM	AC
1				
2				
3				
4				
5				
Scala:	Formato:	Data:	Documento no. :	Rev.
-	A4+	31.05.2018	D.10.4590	0