

ANALYSER FUNCTION



COND	CONDUCTIVITY
OPT	CONCENTRATION (USING OPTICAL FIBRE)
pH	PH
UV	ULTRAVIOLET

CONTROL VALVE ACTUATOR / ABBREVIATION



DIAPHRAGM ACTUATOR (PNEUMATIC)



ACTING CYLINDER ACTUATOR (PNEUMATIC)

FC	FAIL CLOSED
FO	FAIL OPEN
FL	FAIL LOCK (LAST POSITION)

FLOWMETER / ORIFICE



FLOW TRANSMITTER – GENERIC TYPE

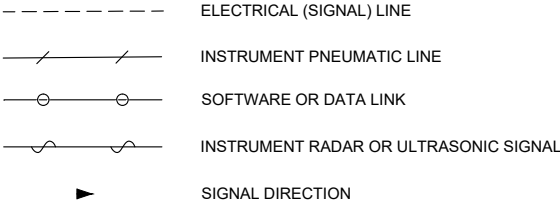


ORIFICE PLATE – TRANSMITTER

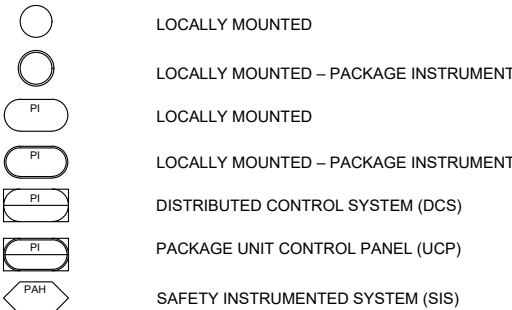


RESTRICTION ORIFICE

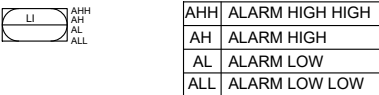
INSTRUMENT LINE SYMBOLS



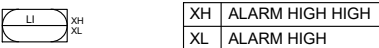
INSTRUMENT BALLOONS



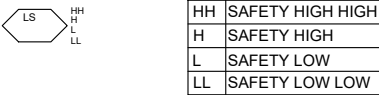
ALARM INDICATION (EXAMPLE)



ON / OFF CONTROL THRESHOLD INDICATION (EXAMPLE)



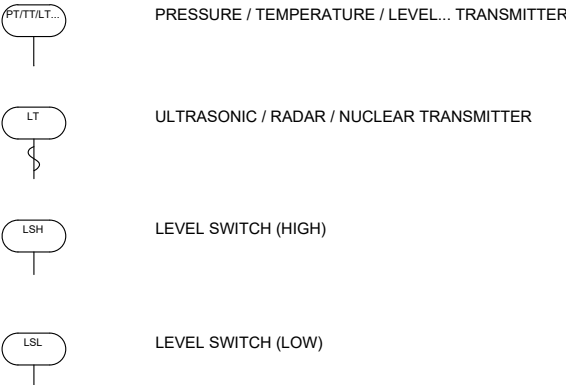
SAFETY TRIP INDICATION (EXAMPLE)



SAFETY SIGNAL TO/FROM (EXAMPLE)



OTHER TRANSMITTER / SWITCH



INSTRUMENT SYMBOL IDENTIFICATION LETTERS

	FIRST LETTER		SUCCEEDING LETTER		
	MEASURED or INITIATING VARIABLE	MODIFIER	READOUT or PASSIVE FUNCTION	OUTPUT FUNCTION	MODIFIER
A	ANALYSIS		ALARM		
B	BURNER, COMBUSTION				
C	CONDUCTIVITY (ELECTRICAL)			CONTROL	CLOSE
D	DENSITY (MASS)	DIFFERENCE, DIFFERENTIAL, DIVERTER			
E	VOLTAGE		SENSOR, PRIMARY ELEMENT ELECTRICAL FAULT		
F	FLOW, FLOW RATE	RATIO, FRACTION			
G	GAUGING DIMENSIONAL		GLASS, GAUGE, VIEWING DEVICE		
H	HAND, MANUAL				HIGH
I	ELECTRICAL CURRENT		INDICATE		
J	POWER	SCANNING			
K	TIME, TIMER SCHEDULE	TIME RATE OF CHANGE		CONTROL STATION	
L	LEVEL		LIGHT		LOW
M	MOTOR, MOISTURE or HUMIDITY	MOMENTARY			
N	NOT USED				
O	NOT USED		ORIFICE RESTRICTION		OPEN
P	PRESSURE, VACUUM		TEST POINT or CONNECTION		
Q	QUANTITY	INTEGRATE, TOTALIZE			
R	RADIATION		RECORDER		
S	SPEED, FREQUENCY	SAFETY		SWITCH	
T	TEMPERATURE			TRANSMITTER	
U	MULTIVARIABLE		MULTIFUNCTION	MULTIFUNCTION	
V	VIBRATION, MECHANICAL ANALYSIS			VALVE, DAMPER, LOUVER	
W	WEIGHT, FORCE		WELL, PROBE		
X	ON/OFF VALVE	X- AXIS	ACCESSORY DEVICES		
Y	EVENT, STATE or PRESENCE	Y- AXIS		RELAY, COMPUTE, CONVERT	
Z	POSITION, DIMENSION	Z- AXIS		FINAL CONTROL ELEMENT	

00	XX-XX-202X	FIRST ISSUE	AGO	VRO	NPR
REV.	DATE	DESCRIPTION	WRITTEN	CHECKED	APPROVED

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CAREMAG PROJECT - FEED					
					
PIPING AND INSTRUMENTATION DIAGRAM					
LEGEND SHEET - INSTRUMENT SYMBOL					
CONTRACTOR DOC N°		S48505-SEN-000-PCD-PID-1004			
SCALE	FORMAT	DOCUMENT NUMBER	REVISION		
NONE	A3	A-03-PID-0004	00		