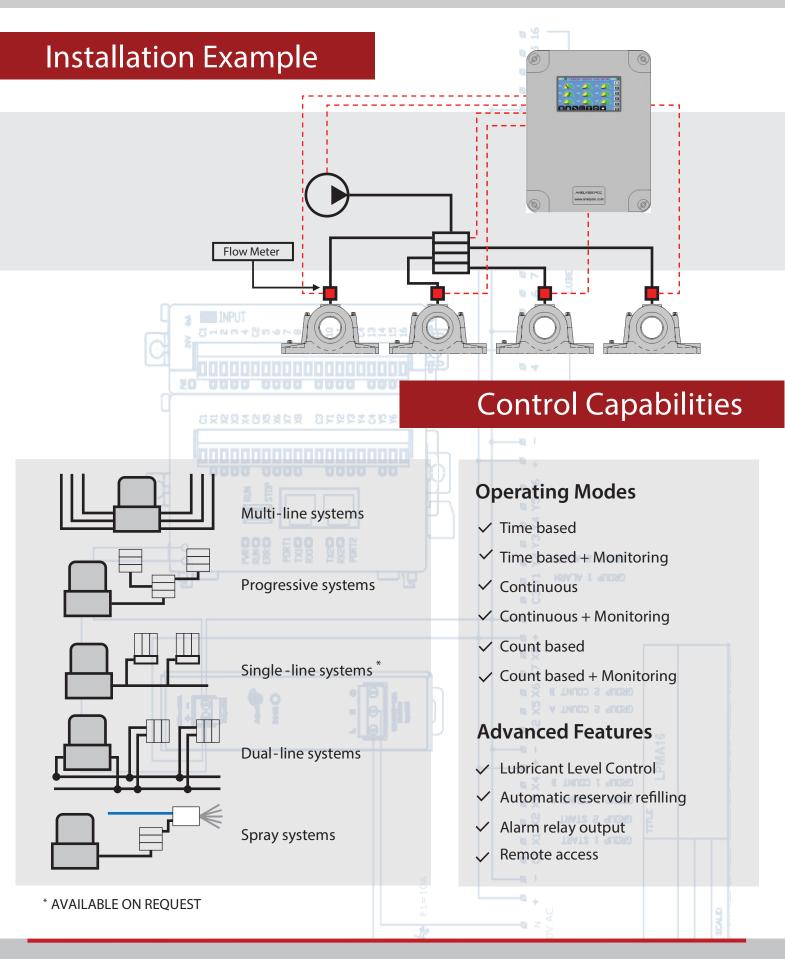




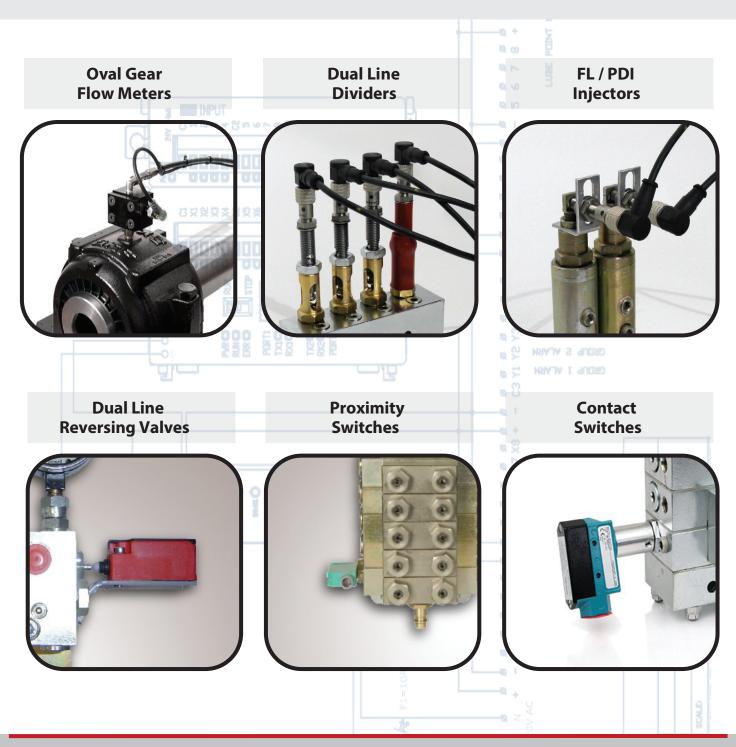
FLUIDS MANAGEMENT & AUTOMATION







The **TLC** has also integrated Lubrication Point Monitoring capabilities. It is compatible with a wide range of switches / sensors, and thus can effectively monitor the proper operation of most lubrication system components.





		Interface Examples
GR1 P01 <u>{</u> P02 <u>{</u> P03 <u>{</u>	T ERROR* 03/07/15 14:40 GR1 #F GR2 (Construction) P04 P07 2 P05 P08 3 P06 P09 5 P06 P09 5 (Construction) (Construction) (Construction) (Construct	GR1 03/07/15 14:56 GR1 GR2 1 P01 GR1 0030 P04 0000 2 P02 GR2 0065 P05 0000 1 P03 0000 P06 0000 4 (i) (i) (i) 5 5 (iii) (iiii) (iiiii) (iiiii) 5
	Graphical Progress Dials	Color Coded Progress Bars
	POINT ERROR* 03/07/15 14:49 GI	P01 1 #POINT ERROR* 24/06/15 23:01
03/0 03/0		
	Error Log	Data Trend Presentation
		Monitoring Capabilities
\checkmark	Monitoring of up to 32 lubrication	✓ Interface easy to setup
	points (expandable)	✓ Colored touch screen
\checkmark	Points can be allocated in two groups without restrictions (8-8, 4-12 etc)	 Multiple security levels to avoid unauthorized access
\checkmark	Different target value for every	Data trend presentation
•	group and lubrication point (each	Event and error history
	point may have different lubrica- tion requirements)	 Remote monitoring and control via Ethernet from a PC
\checkmark	Local indication and remote er-ror signal when any point miss-es its target value	 Remote monitoring and control from tablets and cell phones (requires WiFi)



Functionality

	1	
Types of pumps:	Electric, Pneumatic	
Types of valves:	Hydraulic, Pneumatic, Electric	
End of line switches:	Pressure switches (X2), Differential pressure switch	
Distributors switches:	Contact, Inductive PNP	
Zone valves:	Electric	
Reservoir refilling pumps:	Pneumatic	
Spraying systems:	Cleaning nozzles before or after spraying	
Connectivity:	Dry contact alarm relay, Ethernet cable port	

How to Order

	CODE	
e.g. TLC1P43820	TLC P	0
Controller Type TLC Number of monitored points 1: 16 points 2: 32 points 3: 48 points System Type P: Progressive or Multiline or Dual Line		▲
Supply Voltage 1: 24VDC 2: 230V 1~/N/PE 3: 400V 3~/PE 4: 400V 3~/N/PE Motor Voltage 1: 24VDC (or pneumatic) 2: 230V 3: 400V		
Motor Amperage 0: pneumatic 3: 0.25-0.4A 6: 1-1.6A 1: 0.1-0.16A 4: 0.4-0.63A 7: 1.6-2.5A 2: 0.16-0.25A 5: 0.63-1A 8: 2.5-4A		
Valves Voltages 1: 24VDC refilling pump valve, 24VDC 4/2 valve 2: 24VDC refilling pump valve, 230VAC 4/2 valve 3: 230VAC refilling pump valve, 230VAC 4/2 valve 4: 230VAC refilling pump valve, 24VDC 4/2 valve		GINOS

12 m

D Ø

CODE