

Relative pressure transmitter IO-Link Output

-1 ... 9 bar / 0 ... 2.5 - 1000 bar

Ref : FP 4010

Rev :



DESCRIPTION

This compact transmitter is based on ceramic technology. The measuring cell is welded to the pressure connection and does not require a gasket.

Designed for high operational security applications, this transmitter is suitable for use in gases, liquids and most refrigerants, including ammonia.

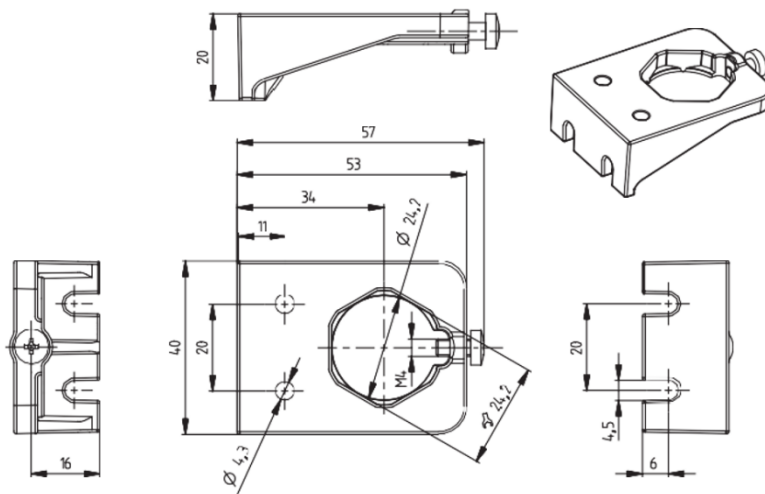
This transmitter enables a point-to-point digital communication, with a simple and standardized connection, as well as the configuration of the device in real time. In addition, this product offers various diagnostic possibilities, so that the status of the sensor can be continuously monitored. This pressure transmitter with IO Link-communication technology makes it the ideal product for industrial 4.0 applications.

TECHNICAL CHARACTERISTICS

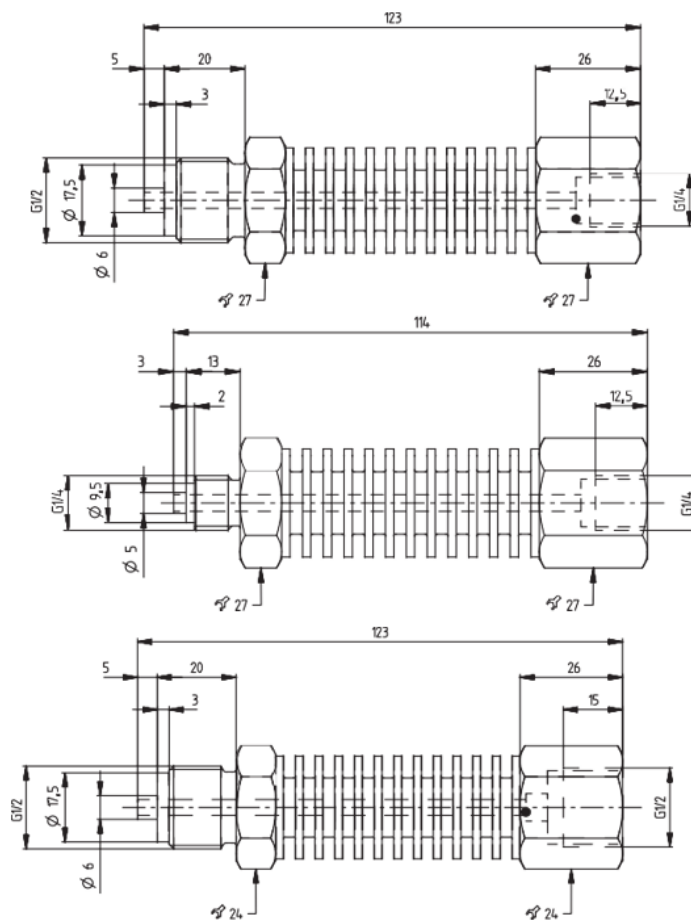
MODEL				
INPUT				
Pressure range	BAR	-1 ... 9 bar / 0 ... 2.5 - 1000 bar		
Type of pressure	Relative			
Max. overload	< 6 bar 5 x FSO > 6 bar 3 x FSO (max. 1500 bar)			
Fluide	Liquides, gaz et fluides frigorigènes (y compris l'ammoniac)			
Burst pressure	< 6 bar 10 x FSO > 6 bar 6 x FSO (max. 2500 bar)			
Body	Acier inoxydable 1.4404 / AISI 316L			
Connection	Polyarylamide 50% GF UL 94 V-0			
Electric characteristics 4-wire-techn.	Outlet	Power supply	Max output current	Absorbed current
	IO-Link	18 ... 33 VDC	100 mA per switch output	< 15 mA
Insulation tension	500 VDC			
ENVIRONMENT				
Fluid temperature	from -40 to +100°C			
Ambient temperature	from -30 to +85°C			
Storage temperature	from -50 to +100°C			
IO-Link				
Specification	V1.1			
Port type	Classe A			
Transmission speed	COM2 (38.4 k Baud)			
Outlet type	PNP, NPN, PushPull			

ACCESSOIRES

Mounting bracket

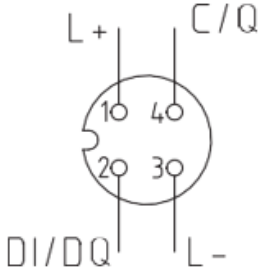


Cooler



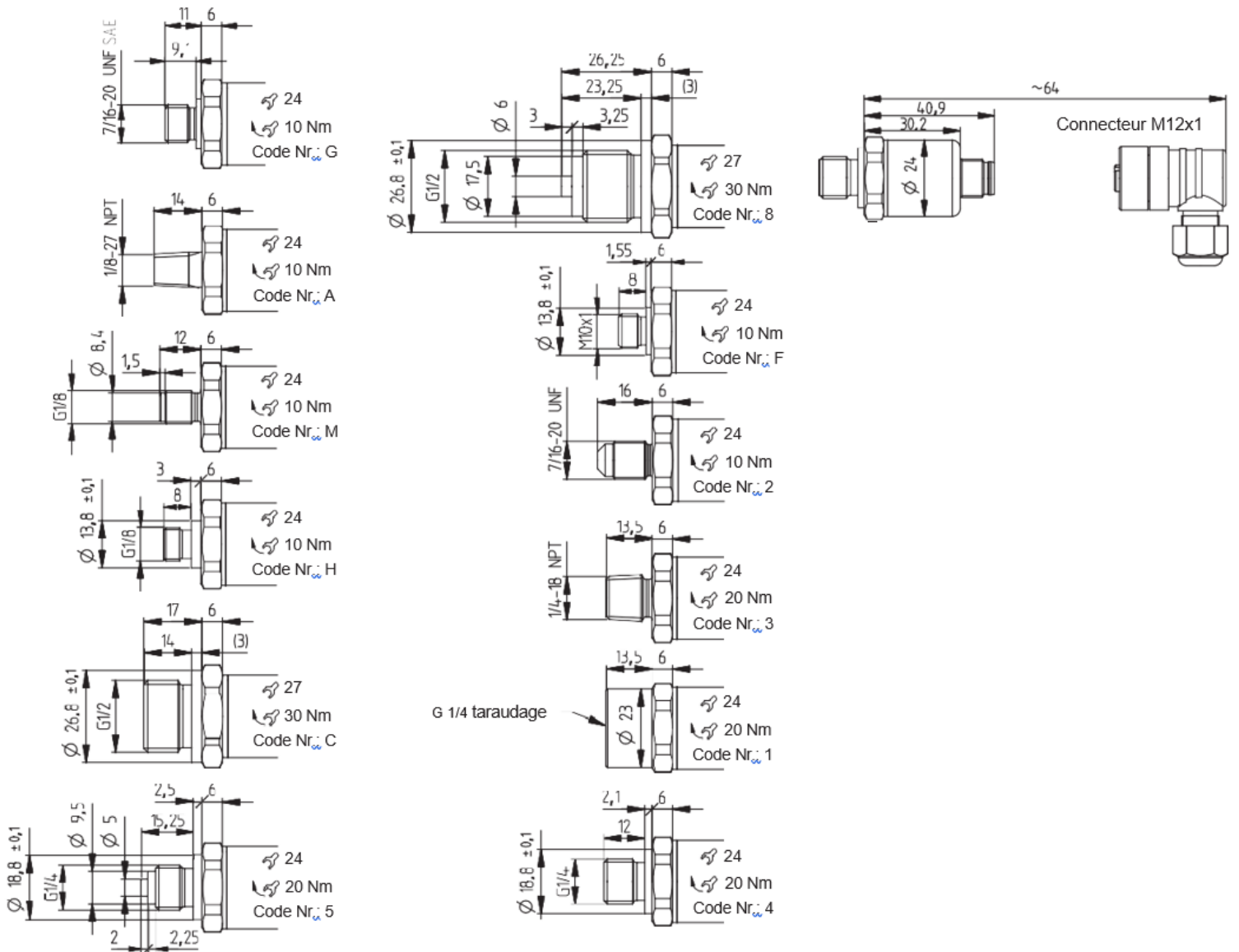
DIMENSIONS (in mm) / ELECTRIC CONNECTIONS

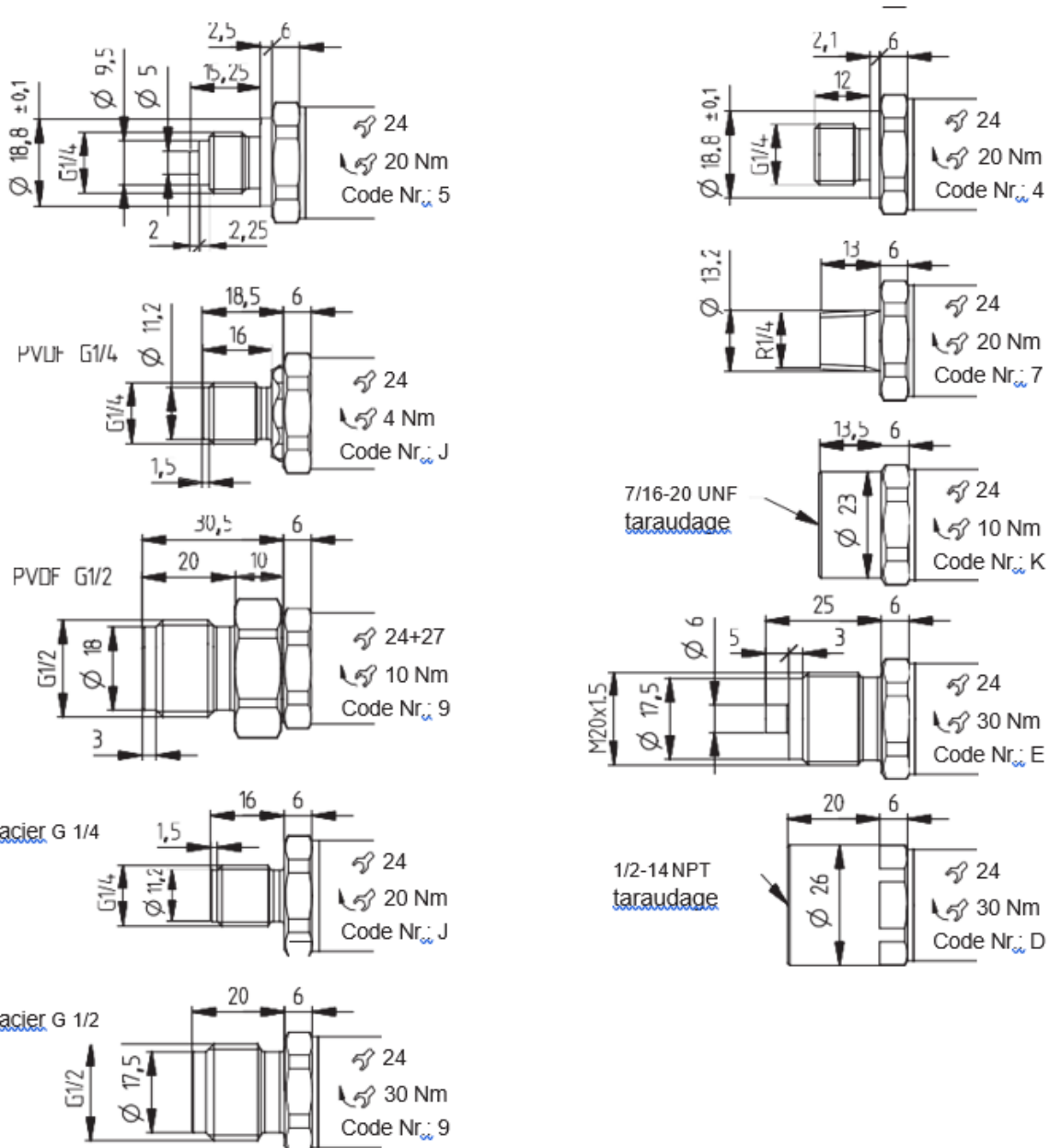
4-wire-Techn.
Connector M12x1



Legend:

- L+ = Power supply +
- L- = Power supply -
- C/Q = IO-Link/1
- DI/DQ = switch output 2





CONTACT

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