




# Removable Pig Signaller With Ball Valve, Flange connection

## Basic Feature or Parameter

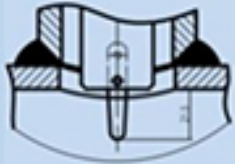

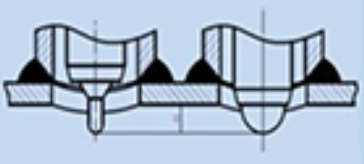
code Item	Indicator			
		B	C	D
Type		Intrusive		
Indicator feature		Manual reset flag	Manual reset flag combined with electrical signals	Date and time display combined with electrical signals
Installing type		2"Flange As per ASME B16.5(Class150~1500)/thread- o-let (4000Psi)		
Plug body length _Correspond to total stand off		Meet the actual needs		
Operating temperature		—20~120℃/Meet customer requirements		
NACE MR – 01- 75		Yes		
Ingress protection		IP65/IP66		
Explosion-proof class			Exd II BT4	Exd II BT4
Include isolation valve		Yes		
With bypass valve		NO		
With bleed valve		Yes		
Remove under pressure		Yes(The whole machine comes with a simple retriever_ two whole threaded studs)		

Optional Feature

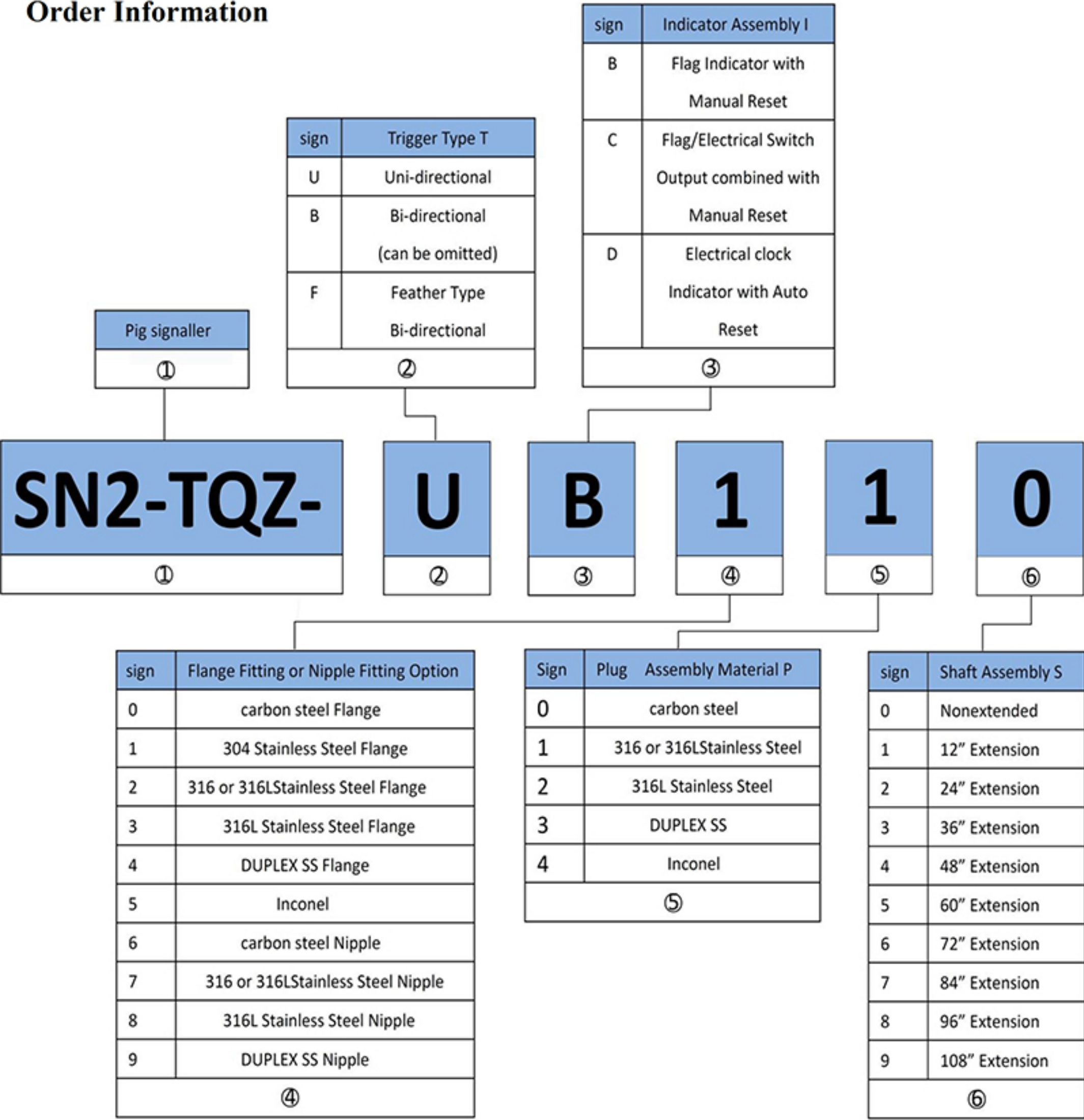
● Standard configuration	○ Optional configuration			— None
<u>Trigger type</u> (B-bi-directional/F-Bi-directional feather/U-Uni-directional)	○/○/●			
<u>Trigger mechanism-Flag interaction</u> (No/Yes_ The flexibility of trigger mechanism would be checked online)	—/●	—/●	—/—	
<u>Internal part material</u> (316L SS/DSS/INCONEL)	●/○/○			
<u>Flange/Body material</u> (PTFE Coated A105N/304SS/316LSS/DSS/INCONEL /As per MR)	●/○/○/○/○/○			
<u>The position of Internal liquid surface</u> (High_Need to heating/Low_ With no need for heating)	—/●			
<u>Junction box material</u> (Aluminium alloy/316SS)	—/—	●/○	●/○	
<u>Switch type</u> (DPDT/SPDT)	—/—	○/●	○/●	
<u>Switch rating</u> (DC24V 3A/DC24V 5A)	—/—	●/○	●/—	
<u>Electrical connection size</u> (M20×1.5(F)/1/2"NPT(F))	—/—	●/○	●/—	
<u>Retriever</u> (Two full thread stud/ special tool)	●/○			
<u>Insert depth adjustment range</u> (±10mm)	●			

\* Standard configuration of Uni-directional trigger is ball shape.

Corresponding relations between trigger and Insert depth (In pipe)

Trigger type			
	Bi-directional	Bi-directional feather	Uni-directional
Insert depth (In pipe)	21mm	30mm	13mm

# Order Information



Model Code:SN2-TQZ-TIFPS

## Order Example

SN2-TQZ-BC020 or SN2-TQZ-C020 is a bidirectional trigger pig signaller with Manual Reset Flag/ manual Reset Switch, a carbon steel Flange Fitting, a 316L Stainless Steel Plug Assembly, no extended shaft.