



TABLE II Meter Body & Connection Orientation		
Head/Connect Orientation	Standard	High Side Left, Low Side Right ² / Std Head Orientation
	Reversed	Low Side Left, High Side Right ² / Std Head Orientation
	90/Standard	High Side Left, Low Side Right ² / 90 ^U Head Rotation

1	*	*	√
2	*		
3	h		

TABLE III AGENCY APPROVALS	
Approvals	No Approvals Required
	<FM> Explosion proof, Intrinsically Safe, Non-incendive, & Dustproof
	CSA Explosion proof, Intrinsically Safe, Non-incendive, & Dustproof
	ATEX Explosion proof, Intrinsically Safe & Non-incendive
	IECEX Explosion proof, Intrinsically Safe & Non-incendive
	SAEx/CCoE Explosion proof, Intrinsically Safe & Non-incendive
	INMETRO Explosion proof, Intrinsically Safe & Non-incendive
	NEPSI Explosion proof, Intrinsically Safe & Non-incendive

0	*	*	√
A	*	*	√
B	*	*	√
C	*	*	√
D	*	*	√
E	*	*	√
F	*	*	√
G	*	*	√

TABLE IV TRANSMITTER ELECTRONICS SELECTIONS			
a. Electronic Housing Material & Connection Type	Material	Connection	Lightning Protection
	Polyester Powder Coated Aluminum	1/2 NPT	None
	Polyester Powder Coated Aluminum	M20	None
	Polyester Powder Coated Aluminum	1/2 NPT	Yes
	Polyester Powder Coated Aluminum	M20	Yes
	316 Stainless Steel (Grade CF8M)	1/2 NPT	None
	316 Stainless Steel (Grade CF8M)	M20	None
	316 Stainless Steel (Grade CF8M)	1/2 NPT	Yes
316 Stainless Steel (Grade CF8M)	M20	Yes	
b. Output/ Protocol	Analog Output		Digital Protocol
	4-20mA dc		HART Protocol
	4-20mA dc none		DE Protocol Foundation Fieldbus
c. Customer Interface Selections	Indicator	Ext Zero, Span & Config Buttons	Languages
	None	None	None
	None	Yes (Zero/Span Only)	None
	Basic	None	EN
	Basic	Yes	EN

A__	*	*	√
B__	*	*	
C__	*	*	√
D__	*	*	
E__	*	*	
F__	*	*	
G__	*	*	
H__	*	*	

H	*	*	√
D	*	*	
F	*	*	

_ _ 0	*	*	√
_ _ A	f	f	√
_ _ B	*	*	√
_ _ C	*	*	√

TABLE V CONFIGURATION SELECTIONS			
a. App S/W	Diagnostics		
	Standard Diagnostics		
b. Output Limit, Failsafe & Write Protect Settings	Write Protect	Fail Mode	High & Low Output Limits ³
	Disabled	High > 21.0mAdc	Honeywell Std (3.8 - 20.8 mAdc)
	Disabled	Low < 3.6mAdc	Honeywell Std (3.8 - 20.8 mAdc)
	Enabled	High > 21.0mAdc	Honeywell Std (3.8 - 20.8 mAdc)
	Enabled	Low < 3.6mAdc	Honeywell Std (3.8 - 20.8 mAdc)
	Enabled	N/A	N/A Fieldbus
Disabled	N/A	N/A Fieldbus	
c. General Configuration	General Configuration		
	Factory Standard Customer Configuration (Unit Data Required)		

1__	*	*	√
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_ 1 _	f	f	√
_ 2 _	f	f	√
_ 3 _	f	f	√
_ 4 _	f	f	√
_ 5 _	g	g	√
_ 6 _	g	g	√

_ _ S	*	*	√
_ _ C	*	*	

² Left side/Right side as viewed from the customer connection perspective

³ NAMUR Output Limits 3.8 - 20.5mAdc can be configured by the custom

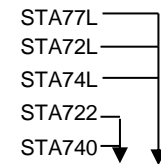


TABLE VI CALIBRATION & ACCURACY SELECTIONS			
a. Accuracy and Calibration	Accuracy	Calibrated Range	Calibration Qty
	Standard	Factory Std	Single Calibration
	Standard	Custom (Unit Data Required)	Single Calibration

A	*	*	√
B	*	*	√

TABLE VII ACCESSORY SELECTIONS		
a. Mounting Bracket	Bracket Type	Material
	None	None
	Angle Bracket	Carbon Steel
	Angle Bracket	304 SS
	Angle Bracket	316 SS
	Marine Approved Angle Bracket	304 SS
	Flat Bracket	Carbon Steel
	Flat Bracket	304 SS
	Flat Bracket	316 SS

0	__	*	*	√
1	__	*	*	√
2	__	*	*	√
3	__	*	*	√
4	__	*	*	√
5	__	*	*	√
6	__	*	*	√
7	__	*	*	√

b. Customer Tag	Customer Tag Type	
	No customer tag	
	One Wired Stainless Steel Tag (Up to 4 lines 26char/line) Two Wired Stainless Steel Tag (Up to 4 lines 26 char/line)	

_0	__	*	*	√
_1	__	*	*	√
_2	__	*	*	√

c. Unassembled Conduit Plugs & Adapters	Unassembled Conduit Plugs & Adapters	
	No Conduit Plugs or Adapters Required	
	1/2 NPT Male to 3/4 NPT Female 316 SS Certified Conduit Adapter	
	1/2 NPT 316 SS Certified Conduit Plug	
	M20 316 SS Certified Conduit Plug	
	Minifast® 4 pin (1/2 NPT) (not suitable for X-Proof applications)	
	Minifast® 4 pin (M20) (not suitable for X-Proof applications)	

__A0	*	*	√
__A2	n	n	√
__A6	n	n	√
__A7	m	m	√
__A8	n	n	√
__A9	m	m	√

TABLE VIII OTHER Certifications & Options: (String in sequence comma delimited (XX, XX, XX,...))	
Certifications & Warranty	None - No additional options
	NACE MR0175; MR0103; ISO15156 (FC33338) Process wetted parts only
	NACE MR0175; MR0103; ISO15156 (FC33339) Process wetted and non-wetted parts
	EN10204 Type 3.1 Material Traceability (FC33341)
	Certificate of Conformance (F3391)
	Calibration Test Report & Certificate of Conformance (F3399)
	Certificate of Origin (F0195)
	FMEDA (SIL 2/3) Certification (FC33337)
	Over-Pressure Leak Test Certificate (1.5X MAWP) (F3392)
	Cert Clean for O ₂ or CL ₂ service per ASTM G93

00	*	*	√
FG	*	*	√
F7	c	c	√
FX	*	*	√
F3	*	*	√
F1	*	*	√
F5	*	*	√
FE	j	j	√
TP	*	*	√
OX	e	e	√

TABLE IX Manufacturing Specials	
Factory	Factory Identification

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RESTRICTIONS

Restriction Letter	Available Only with		Not Available with	
	Table	Selection(s)	Table	Selection(s)
a			VIII	FG, F7
c	Id	__0,N,K,D,B__	Ia	C,D,G,H,K,L
d			VIIa	1,2,3,5,6,7
e	lb	_2		
f			IV b	_F_
g			IVb	_H,D_
h			le	4,5,6
			VIIa	1,2,3,4,5,6,7
j	IV b	_H_	Vb	_1,2,6_
m	IV a	B,D,F,H		
n	IV a	A,C,E,G		
p			III	B - No CRN number available
t			1a	J, K, L
b	Select Only one option from this group			

FIELD INSTALLABLE ACCESSORY KITS

Description	Kit Number
Integrally Mounted Basic Indicator Kit (Compatible with all Electronic Modules)	50049911-501
Terminal Strip w/Lightning Protection Kit for HART, DE, or HART/DE Modules	50075472-532
Terminal Strip w/Lightning Protection Kit for FFB Module	50075472-534
Terminal Strip w/o Lightning Protection for HART, DE, or HART/DE Module	50075472-531
Terminal Strip w/o Lightening Protection FFB Module	50075472-533
HART Electronics Module	50049849-501
HART Electronics Module w/connection for external configuration buttons	50049849-502
DE Electronics Module	50049849-503
DE Electronics Module w/connection for external configuration buttons	50049849-504
FFB Electronics Module Kit	50049849-509
FFB Electronics Module w/connection for external configuration buttons	50049849-510

PAPER MANUALS

Description	Part Number
Paper Manual ST 700 Smart Transmitter User Manual - English	34-ST-25-44
Paper Manual ST 700 Smart Transmitter HART/DE Communications Manual - English	34-ST-25-47
Paper Manual ST 700 Smart Transmitter Safety Manual - English	34-ST-25-37
Paper Manual ST 700 Smart Transmitter Foundation Fieldbus Manual - English	34-ST-25-48
Paper Manual ST 700 Smart Transmitter Function Block Manual - English	34-ST-25-49