

# Appendix

## Cross Reference FLR

Replaced Type	Type	Description
ERV...	FLR-S	Process connection: mounting thread upwards
ARV...	FLR-S	Process connection: mounting thread downwards
AFV...	FLR-S	Process connection: flange connection
AFVEC...	FLR-S	Material: Stainless steel 1.4571 E-CTFE-coated ; Option: anti-static
AFVTF...	FLR-S	Material: Stainless steel 1.4571 PTFE-coated ; Option: anti-static
AF-ADF...	FLR-S	Approval: ATEX Ex-d; Process connection: flange connection
NMG125...	FLR-S	Approval: ATEX Ex-i
AMRV...	FLR-H	Food industry design, Process Connection: Dairy fitting
AFCV...	FLR-H	Food industry design, Process Connection: Clamp connection
ERP...	FLR-P	Material: PVC; Process connection: mounting thread upwards
APRP...	FLR-P	Material: PVC; Process connection: mounting thread downwards
APFP ...	FLR-P	Material: PVC; Process connection: flange connection
ERPP...	FLR-P	Material: Polypropylen; Process connection: mounting thread upwards
ABRPP ...	FLR-P	Material: Polypropylen; Process connection: mounting thread downwards
APFPP ...	FLR-P	Material: Polypropylen; Process connection: flange connection
ERPF...	FLR-P	Material: Polypropylen; Process connection: mounting thread upwards
APRPF ...	FLR-P	Material: PVDF; Process connection: mounting thread downwards
APFPF ...	FLR-P	Material: PVDF; Process connection: flange connection

## Type Code

Code	1st key	2nd key	3rd key
<b>1</b>	<b>Electrical connection</b>	<b>Process connection</b>	<b>Material process connection</b>
.../.../...	- (none) - connection cable	ER Mounting thread upwards (BSP)	V Stainless steel 1.4571
	A Terminal box Aluminium	R Mounting thread downwards (BSP)	VE Stainless steel electro-polished
	AB Terminal box Polypropylene	ENPT Mounting thread upwards (NPT)	VEC Stainless steel ECTFE-coated
	AP Terminal box Polyester	NPT Mounting thread downwards (NPT)	VTF Stainless steel PTFE-lined
	AV4 Terminal box Stainless steel 1.4571 with screw cap	MR Dairy fitting acc. to DIN 11851	T Titanium
	ADF Terminal box Aluminium flameproof	F Flange (DIN, ANSI, JIS)	HC Hastelloy C
	ASC4 Coupler plug C 164-232-F-4P	FC Clamp-connection acc. to DIN 32676	P PVC
	ASN6R Hirschmann coupler plug N6RAM 2D M20	IS Sanitary nozzle (Ingoldstutzen)	PP Polypropylene
	ASM12 Plug M12x1-4-pole		PF PVDF
<b>2</b>	<b>Process connection</b>		
.../.../...	... Mounting thread size in inches		
	... Dairy pipe fitting size DN 50 - DN 150		
.../	<b>Flange nominal size</b>	.../ <b>Flange pressure rating</b>	... <b>Flange face</b>
DIN	DN 50 - DN 200	PN 6 - PN 100	Standard Form C optional E, A, F, N
DIN	DN 50 - DN 200	PN 6 - PN 100	Standard Form B1 optional B2, A, C, D
EN			Standard RF optional RTJ, FF, LT, LG
ANSI	2" - 8"	Class 150 - 600	Standard RF optional RTJ, FF, LT, LG
JIS	3/8" (DN 10) - 4" (DN 100)	5 K- 63 K	Standard RF optional RTJ, FF, LT, LG
Clamp	DN 25 - DN 100; 1" - 4"		

3	Guide tube material		Contact function		Optional code adder	
.../.../...	V	Stainless steel 1.4571	K 18	18 mm	/HT..	High temperature* +150 °C ... +200 °C
	VE	Stainless steel electro-polished	K 15	15 mm	/TT..	Low temperature -10 °C ... -80 °C
	VEC	Stainless steel ECTFE-coated	K 10	10 mm		* only contact separations 5/10/15 mm
	VTF	Stainless steel PTFE-lined	K 5	5 mm	/PT100	Temperature probe PT 100 (2-,3- or 4-core)
	HC	Hastelloy C			/..TH..	Temperature switch ... °C - closing or opening
	P	PVC				
	PP	Polypropylene				
	PF	PVDF				
4	Option, Head-mounted transmitter in terminal box					
	TS	2-wire standard analogue	T53F	Intrinsically safe Foundation Fieldbus programmable		
	TE	2-wire intrinsically safe analogue	T53P	Intrinsically safe Profibus PA programmable		
	T32.1S	2-wire intrinsically safe HART® programmable	TLH	2-wire HART® programmable with LCD display		
	T32.xS	2-wire HART® programmable	TLEH	2-wire intrinsically safe HART® programmable with LCD display		
	T12	universally programmable	none	-		
5	Guide tube length		OD Guide tube			
L.../...	L.../	length in mm	...	OD in mm		
6	Float design		Durchmesser			
.../...	.../	Material (code 3, 1st key)	...	Float OD in mm		
7	Connection cable		Cable material			
.../...	.../	length in meter	—	PVC, grey		
			blue	PVC, blue		
			SIL	Silicone		
			PUR	PUR		
8	Approval					
.../.../...	-	none	GL	Germanischer LLoyd		
	Ex	Ex i	DNV	Det Norske Veritas		
	Ex d	ATEX	ABS	Bureau Veritas		
	Ex d	IECEX	3-A	3-A certified		

## Ordering Example

	Electrical Connection	Process Connection	Guided tube material	Option	Guide tube	Float	Cable	Approval
	design / material	size	contact separation	transmitter	length / Ø	length / material		
Code	1	2	3	4	5	6	7	8
	AFV	50/6/F	VK 15/TT30	TS	L950/12	V44R		

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