S90/XP95/XPlorer/Discovery Type Code Allocation

| S=S90
Xp=XP95
Xa=XP95A
Xd=XPander
Xl=XPlorer
D=Discovery
Du=Disc. UL
U=User | Device Type | Type Code Bits | | | | | |
| | | Decimal | | | Reply Bits | | |
		S90	XP95	Dis	2 1 0	4 3	7 6 5
U	Shop Unit Monitor/User Defined	0	0	0	0 0 0	0 0	0 0 0
U	User Defined	0	1	8	0 0 0	0 1	0 0 0
U	User Defined	0	2	16	0 0 0	1 0	0 0 0
U	User Defined	0	3	24	0 0 0	1 1	0 0 0
S/Xp	Sounder Circuit Controller/Unit,	1	4	32	0 0 1	0 0	0 0 0
Xp/Xa/Xd	Sounders*/(Beacons), & Beacon*	1	4	32	0 0 1	0 0	0 0 0
Xa	Sounder Control Module	1	5	40	0 0 1	0 1	0 0 0
D/Du	Sounder Beacon	1	6	48	0 0 1	1 0	0 0 0
D	Sounder Base	1	6	49	0 0 1	1 0	0 0 1
D	Voice Sounder Beacon	1	6	52	0 0 1	1 0	1 0 0
D	Voice Sounder	1	6	53	0 0 1	1 0	1 0 1
	RESERVED	1	7	56	0 0 1	1 1	0 0 0
Xp/Xl/Xa/ Xd	I/O & Output Units and XP95A Relay Output Module	2	8	64	0 1 0	0 0	0 0 0
Xa	Mini Switch Monitor Module	2	9	72	0 1 0	0 1	0 0 0
Xa	Switch Monitor Module	2	10	80	0 1 0	1 0	0 0 0
Xa	Switch Monitor I/O Module and 120V I/O Module	2	11	88	0 1 0	1 1	0 0 0
S/Xp/Xa/D/	Ionisation Detector	3	12	96	0 1 1	0 0	0 0 0
D	MOST	3	13	104	0 1 1	0 1	0 0 0
D	CO : Gaseous Fire Detector	3	13	105	0 1 1	0 1	0 0 1
D	CO Heat	3	14	112	0 1 1	1 0	0 0 0
D	CO : Personal Protection Monitor	3	14	113	0 1 1	1 0	0 0 1
	RESERVED	3	15	120	0 1 1	1 1	0 0 0
D	CO : Environmental Gas Monitor	3	15	121	0 1 1	1 1	0 0 1
S/Xp/Xd	Zone Monitor Unit & Control Unit Monitor, XPander Interface	4	16	128	1 0 0	0 0	0 0 0
Xp/Xl	Mini Switch Monitor, Switch Monitor Unit & Switch Monitor Plus	4	17	136	1 0 0	0 1	0 0 0
	RESERVED	4	18	144	1 0 0	1 0	0 0 0
Xp/D	Aspirating Detectors	4	19	152	1 0 0	1 1	0 0 0
S/Xp/Xa/Xl/ D/Xd	Optical Detector & Beam Detector(EUR)	5	20	160	1 0 1	0 0	0 0 0
D	Reserved	5	20	161	1 0 1	0 0	0 0 1
Xp/Xa	Beam Detector(USA) & Reflective Beam	5	21	168	1 0 1	0 1	0 0 0
Xp	Flame Detector	5	22	176	1 0 1	1 0	0 0 0
D	Multi-sensor (Opt / Heat)	5	23	184	1 0 1	1 1	0 0 0
Xp	Multi-sensor (Opt / Heat)	5	23	185	1 0 1	1 1	0 0 1
S/Xp/Xa/Xl/ D/Xd	Heat Detector	6	24	192	1 1 0	0 0	0 0 0
D	Reserved	6	24	193	1 1 0	0 0	0 0 1
Xp/Xl	High Temperature Heat Detector	6	25	200	1 1 0	0 1	0 0 0
	RESERVED	6	26	208	1 1 0	1 0	0 0 0
	RESERVED	6	27	216	1 1 0	1 1	0 0 0
S	Manual Call Point & Manual Call Point Monitor	7	28	224	1 1 1	0 0	0 0 0
Xa	Mini Priority Switch Monitor Module, Pull Station	7	29	232	1 1 1	0 1	0 0 0
Xa	Priority Switch Monitor Module	7	30	240	1 1 1	1 0	0 0 0
Xp/Xl/D/Xd	Manual Call Point & Mini Switch Monitor with Interrupt	7	31	248	1 1 1	1 1	0 0 0

Notes: Series 90, XP95, XPlorer and Discovery smoke and heat detectors share the same generic 3 bit type code
XP95/XPlorer are distinguished from S90 by the XP95 flag. Discovery detectors/MCPs are distinguished from XP95 by at least one of the Mode/Sensitivity bits being set (in XP95 these are all logic 0).
*Intelligent Base Sounder and XP95 Beacon (55000-877, -878, -879) do not have the XP95 Flag