

```
1  {
2    "version": "1.0",
3    "project": {
4      "code": "11111",
5      "type": "parameter",
6      "dimension": "",
7      "possibleCause": "",
8      "guidelines": ""
9    },
10   "elements": {
11     "input-signal-1": {
12       "id": "input-signal-1",
13       "type": "input-signal",
14       "x": 24,
15       "y": 143,
16       "width": 194,
17       "height": 50,
18       "props": {
19         "name": "Сигнал 1",
20         "signalType": "undefined"
21       }
22     },
23     "input-signal-2": {
24       "id": "input-signal-2",
25       "type": "input-signal",
26       "x": 19,
27       "y": 229,
28       "width": 223,
29       "height": 50,
30       "props": {
31         "name": "Сигнал 2",
32         "signalType": "undefined"
33       }
34     },
35     "input-signal-3": {
36       "id": "input-signal-3",
37       "type": "input-signal",
38       "x": 20,
39       "y": 318,
40       "width": 242,
41       "height": 50,
42       "props": {
43         "name": "Сигнал 3",
44         "signalType": "undefined"
45       }
46     },
47     "if-4": {
48       "id": "if-4",
49       "type": "if",
50       "x": 569,
51       "y": 126,
52       "width": 120,
53       "height": 80,
54       "props": {
55         "operator": ">"
56       }
57     },
58     "const-5": {
59       "id": "const-5",
60       "type": "const",
61       "x": 107,
62       "y": 437,
63       "width": 120,
64       "height": 60,
65       "props": {
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66         "value": 30
67     }
68 },
69 "if-6": {
70     "id": "if-6",
71     "type": "if",
72     "x": 556,
73     "y": 278,
74     "width": 120,
75     "height": 80,
76     "props": {
77         "operator": ">"
78     }
79 },
80 "if-7": {
81     "id": "if-7",
82     "type": "if",
83     "x": 562,
84     "y": 424,
85     "width": 120,
86     "height": 80,
87     "props": {
88         "operator": ">"
89     }
90 },
91 "and-8": {
92     "id": "and-8",
93     "type": "and",
94     "x": 904,
95     "y": 240,
96     "width": 120,
97     "height": 124,
98     "props": {
99         "inputCount": 3
100     }
101 },
102 "separator-9": {
103     "id": "separator-9",
104     "type": "separator",
105     "x": 1145,
106     "y": 266,
107     "width": 120,
108     "height": 80,
109     "props": {}
110 },
111 "formula-10": {
112     "id": "formula-10",
113     "type": "formula",
114     "x": 1462,
115     "y": 369,
116     "width": 140,
117     "height": 117,
118     "props": {
119         "expression": "Сигнал 1+Сигнал 2+Сигнал 3",
120         "inputCount": 3
121     }
122 },
123 "const-12": {
124     "id": "const-12",
125     "type": "const",
126     "x": 1460,
127     "y": 591,
128     "width": 120,
129     "height": 60,
130     "props": {
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131         "value": 0
132     }
133 },
134 "output-13": {
135     "id": "output-13",
136     "type": "output",
137     "x": 1682,
138     "y": 488,
139     "width": 150,
140     "height": 60,
141     "props": {
142         "label": "Выход",
143         "outputGroup": ""
144     }
145 },
146 },
147 "connections": [
148     {
149         "fromElement": "input-signal-1",
150         "fromPort": "out-0",
151         "toElement": "if-4",
152         "toPort": "in-0",
153         "signalType": "numeric"
154     },
155     {
156         "fromElement": "const-5",
157         "fromPort": "out-0",
158         "toElement": "if-4",
159         "toPort": "in-1",
160         "signalType": "numeric"
161     },
162     {
163         "fromElement": "input-signal-2",
164         "fromPort": "out-0",
165         "toElement": "if-6",
166         "toPort": "in-0",
167         "signalType": "numeric"
168     },
169     {
170         "fromElement": "input-signal-3",
171         "fromPort": "out-0",
172         "toElement": "if-7",
173         "toPort": "in-0",
174         "signalType": "numeric"
175     },
176     {
177         "fromElement": "const-5",
178         "fromPort": "out-0",
179         "toElement": "if-6",
180         "toPort": "in-1",
181         "signalType": "numeric"
182     },
183     {
184         "fromElement": "const-5",
185         "fromPort": "out-0",
186         "toElement": "if-7",
187         "toPort": "in-1",
188         "signalType": "numeric"
189     },
190     {
191         "fromElement": "if-4",
192         "fromPort": "out-0",
193         "toElement": "and-8",
194         "toPort": "in-0",
195         "signalType": "logic"
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```
196     },
197     {
198       "fromElement": "if-6",
199       "fromPort": "out-0",
200       "toElement": "and-8",
201       "toPort": "in-1",
202       "signalType": "logic"
203     },
204     {
205       "fromElement": "if-7",
206       "fromPort": "out-0",
207       "toElement": "and-8",
208       "toPort": "in-2",
209       "signalType": "logic"
210     },
211     {
212       "fromElement": "and-8",
213       "fromPort": "out-0",
214       "toElement": "separator-9",
215       "toPort": "in-0",
216       "signalType": "logic"
217     },
218     {
219       "fromElement": "input-signal-1",
220       "fromPort": "out-0",
221       "toElement": "formula-10",
222       "toPort": "in-0",
223       "signalType": "numeric"
224     },
225     {
226       "fromElement": "input-signal-2",
227       "fromPort": "out-0",
228       "toElement": "formula-10",
229       "toPort": "in-1",
230       "signalType": "numeric"
231     },
232     {
233       "fromElement": "input-signal-3",
234       "fromPort": "out-0",
235       "toElement": "formula-10",
236       "toPort": "in-2",
237       "signalType": "numeric"
238     },
239     {
240       "fromElement": "separator-9",
241       "fromPort": "out-0",
242       "toElement": "formula-10",
243       "toPort": "cond-0",
244       "signalType": "true"
245     },
246     {
247       "fromElement": "separator-9",
248       "fromPort": "out-1",
249       "toElement": "const-12",
250       "toPort": "cond-0",
251       "signalType": "false"
252     },
253     {
254       "fromElement": "formula-10",
255       "fromPort": "out-0",
256       "toElement": "output-13",
257       "toPort": "in-0",
258       "signalType": "numeric"
259     },
260     {
```

```
261     "fromElement": "const-12",
262     "fromPort": "out-0",
263     "toElement": "output-13",
264     "toPort": "in-0",
265     "signalType": "numeric"
266   }
267 ],
268 "counter": 13,
269 "viewport": {
270   "zoom": 1,
271   "panX": -116,
272   "panY": -58
273 }
274 }
275
276 код:
277 WHEN(((Сигнал 1 > 30 AND Сигнал 2 > 30) AND Сигнал 3 > 30), Сигнал 1+Сигнал 2+Сигнал 3,
0)
```