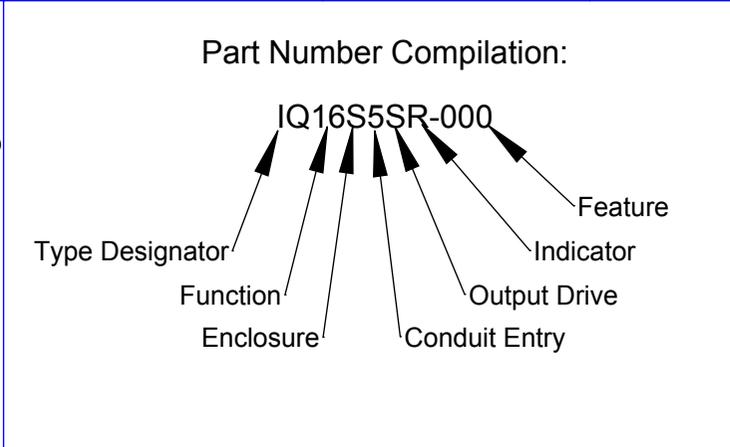


Type IQ

<u>FUNCTION</u>	<u>ENCLOSURE</u>	<u>CONDUIT</u>	<u>OUTPUT DRIVE</u>	<u>INDICATOR</u>	<u>FEATURE</u>
14 - (2) DPDT Mechanical Switch up to 10 amps @ 125/250 VAC up to 0.5 amps @ 125 VDC	S - 316SS Cover & Housing	5 - (2) M20 x 1.5	N - NAMUR Output	R - RED CLOSED / GREEN OPEN (lexan 143R material of construction)	- XXX - Feature Designator See Note 1 below
16 - (2) SPDT Mechanical Switch up to 10 amps @ 125/250 VAC up to 0.5 amps @ 125 VDC		6 - (3) M20 x 1.5	S - 2 Pin Drive	C - 0 - 100% GRADUATED (lexan 143R material of construction)	
17 - (2) SPDT Gold Contact Mechanical Switch up to 1 amp @ 125 VAC up to 0.5 amps @ 30VDC		8 - (1) 3/4" NPT (central entry) (1) 1/2"NPT (offset entry)		O - NO VISUAL INDICATOR	
25 - (2) SPDT Reed Switch Max Current: 3 Amps Max Power: 100 Watts/VA		9 - (1) 3/4" NPT (central entry) (2) 1/2"NPT (offset entry)			
40 - (2) SPST Reed Switch 0.15 Amps @ 125VAC/30VDC		B - (2) 1/2" NPT			
42 - (2) V3 Style Proximity Sensor Op Voltages (sensor dependent) 10 to 60VDC 10 to 250VAC Op Current (sensor dependent) 2 to 400mA		C - (3) 1/2" NPT			
43 - (2) Non V3 Style Proximity Sensor Op Voltages (sensor dependent) 10 to 60VDC 10 to 250VAC Op Current (sensor dependent) 2 to 400mA					
52 - (3 to 6) V3 Style Proximity Sensor Op Voltages (sensor dependent) 10 to 60VDC 10 to 250VAC Op Current (sensor dependent) 2 to 400mA					
53 - (3 to 6) Non V3 Style Proximity Sensor Op Voltages (sensor dependent) 10 to 60VDC 10 to 250VAC Op Current (sensor dependent) 2 to 400mA					
55 - (3 to 6) SPDT Mechanical Switch up to 11 amps @ 125/250 VAC up to 0.5 amps @ 125 VDC					

56 - (3 to 6) SPDT Gold Contact Mechanical Switch up to 1 amp @ 125 VAC up to 0.5 amps @ 30VDC
58 - (3 to 6) SPDT Reed Switch Max Current: 3 Amps Max Power: 100 Watts/VA
59 - (3 to 6) SPST Reed Switch 0.15 Amps @ 125VAC/30VDC
70 - POSITION TRANSMITTER - Resistive 4-20mA @ 10 - 40 VDC monitor may include up to 4 additional switch/sensors from functions 16, 17, 25, 40, 42 or 43

92 - (1) DeviceNet VCT Module Op Voltage - 24VDC Max Current 160mA
93 - (1) Foundation Fieldbus VCT Module (bus powered) Op Voltage - 6.5VDC Max Current 5mA
94 - (1) Foundation Fieldbus VCT Module (external power) Op Voltage - 24VDC Max Current 200mA
95 - (1) Modbus VCT Module Op Voltage - 24VDC Max Current 160mA
96 - (1) AS-Interface VCT Module Op Voltage - 24-30VDC Max Current 160mA
97 - (1) AS-Interface VCT Module (extended addressing) Op Voltage - 24 - 30VDC Max Current 100mA



NOTE 1:
The exact detail of switches/sensors/transmitters fitted in the monitor is not fully specified by the basic part number. The 'feature designator' provides a mechanism for cross-referencing to a centralised log establish the make and model of parts fitted in a given unit.

FURTHER NOTES:
Function assemblies 14, 16, 17, 25, 40, 42 and 43 use a small cover (see C110130). Where function 43 uses cylindrical sensors longer than 40mm, a tall cover is used (see C110131). Function 52, 53, 55, 56, 58, 59 and 70 use a tall cover (see C110130).

The maximum permitted power that can be dissipated within a monitor is specified on drawing A160147 and the electrical characteristics and ratings of the components fitted must not allow this value to be exceeded.

REV	DRAWN	DATE	CHK'D	ECO
	PT	22.9.08		08-864
A	PT	08.10.08		08-869
B	PT	26.11.08		08-908
C	PT	5.12.08		08-912
D	PT	10.12.08		08-918
E	PT	1.6.09		09-1077
F	PT	6.1.10		09-1249

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN MILLIMETERS
SURFACE FINISH:
TOLERANCES:
LINEAR:
ANGULAR:

TITLE:
Type IQ - Master Model Description

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DEBUR AND BREAK SHARP EDGES
MATERIAL:
WEIGHT(g):

DWG NO. **A190180-X**

SCALE:1:1

SHEET 1 OF 1

A4