

SIEMENS

Product data sheet

6ES7338-7XF00-0AB0

SIMATIC S7-300,
IQ-SENSE SM338 FOR S7-300 AND ET200M FOR
CONNECTING UP TO 8 IQ-SENSE SENSORS,
OPTICAL SENSORS AND ULTRASONIC SENSORS
CAN BE CONNECTED



Supply voltage	
Load voltage L+	
Rated value (DC)	24 V
Input current	
from load voltage L+ (without load), max.	1 A
from backplane bus 5 V DC, max.	150 mA ; typ.
Digital inputs	
Number/binary inputs	8
Cable length	
Cable length unshielded, max.	50 m
Encoder	
Connectable encoders	
Description	photoelectronic proximity switches and ultrasonic sensors with IQ-Sense, cycle time 2.88 to 6 ms
Interrupts/diagnostics/status information	
Diagnostics indication LED	

Group error SF (red)	Yes
Status indicator digital input (green)	Yes
Galvanic isolation	
Galvanic isolation digital inputs	
between the channels	No
between the channels and the backplane bus	Yes
Permissible potential difference	
between different circuits	75 VDC / 60 VAC
Isolation	
Isolation checked with	500 V DC
Connection method	
required front connector	20-pin
Dimensions	
Width	40 mm
Height	125 mm
Depth	120 mm
Weight	
Weight, approx.	250 g
Status	Jul 25, 2012