Capacitive Sensors
BCS 20MG10-XPA1Y-8B-03

M20
Sn = 10 mm
DC 4-Draht
shielded

Common Data
Mounting in steel shielded
Rated operating distance Sn mm 10,0
Assured operating distance Sa mm 0…7,2
Repeatability % <=15
Hysteresis % <=25
Function indication yes
Ambient temperature range °C +10…+50
IEC-Code |1A12AP1

Mechanical Data
Housing size mm cyl. M20
Measurements BxHxT or DxT mm M12 x 80
Housing material steel stainless
Material of sensing face EP
Degree of protection IP IP63
Connection Cable
Cable type PUR, 4x0,25mm²

Electrical Data
Current type DC
Wiring 4-Draht
switching function Complementary
Output signal PNP
Rated operational voltage V 24 DC
Rated operational current mA 130
Minimum operational current mA 1
No-load supply current mA 10
Off-state current µA 100
Voltage drop V <=3,5
Short circuit protection yes
Protected against polarity rev yes

Approvals
Utilization categories DC13

If not differently indicated, all values by IEC 947-5-2 (DIN EN60947-5-2)
Specifications subject to change

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