

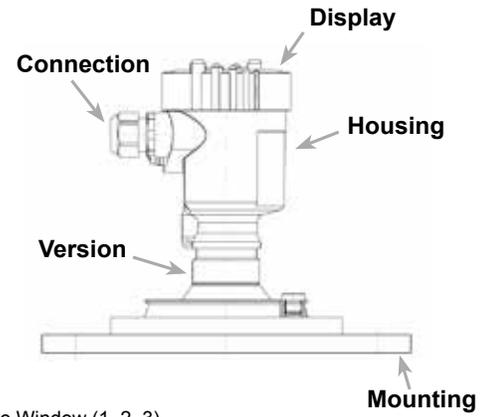
NCR-80

Mark X if none

							X				X	X
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Sample

NCR-80.	IX	C	SD	A	H	X	A	N	A	X	X
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Display

- X: X - No Bindisc - No Window (1, 2, 3)
- A: A - Bindisc Top Mounted with Window (1, 2, 3)
- F: F - No Bindisc - With Window Top (2, 3)
- B: B - Bindisc Side Mounted with Window (1, 2)

Connection

- N: N - Two 1/2" NPT / blind plug (1, 2, 3)
- Q: Q - Two 1/2" NPT / without plug (1, 2, 3)

Housing

- A: A - Aluminium single chamber (1, 2)
- K: K - Plastic single chamber (1, 2)
- 8: 8 - Stainless steel single chamber (1, 2)
- R: R - Plastic double chamber (1, 2)
- V: V - Stainless steel single chamber (Cast) (1, 2, 3)
- W: W - Stainless steel double chamber (1, 2, 3)
- D: D - Aluminium double chamber (1, 2, 3)

Output

- H: H - Two wire 4-20mA (1, 2, 3)
- U: U - Four-wire Modbus (1, 2, 3)
- B: B - Four-wire 4-20mA (1, 2, 3)
- I: I - Four-wire 4-20mA (1, 2, 3)
- P: P - Two-wire Profibus PA (1, 2, 3)

Seal

- C: C - No Seal (1)
- D: D - FKM (1)
- E: E - EPDM (1)
- F: F - EPDM (2, 3)
- A: A - FKM (2, 3)
- B: B - FKM (2, 3)

Mounting

- XX: XX - No Mounting (1)
- XC: XC - 6.7" Mounting Strap (1)
- XD: XD - 11.8" Mounting Strap (1)
- AU: AU - 3" PP-GF30 Flange (1)
- AL: AL - 4" PP-GF30 Flange (1)
- AO: AO - 8" PP-GF30 Flange (1)
- AM: AM - 6" PP-GF30 Flange (1)
- TD: TD - Thread 1 1/2" NPT PN20, ASME B1.20.1 / 316L (2)
- FD: FD - Flange 3" 150lb FF, ASME / 316 / 316L (3)
- FE: FE - Flange 4" 150lb FF, ASME / 316 / 316L (3)
- FF: FF - Flange 6" 150lb FF, ASME / 316 / 316L (3)
- SD: SD - Swiveling holder with flange 4" 150lb / 316 / 316L (3)
- SE: SE - Swiveling holder with flange 6" 150lb / 316 / 316L (3)
- SF: SF - Swiveling holder with flange 8" 150lb / 316 / 316L (3)

Version

- B: B - Plastic horn antenna (1)
- T: T - Thread (2)
- C: C - Metal jacketed lens antenna (3)

Approvals

- CC: CC - CSA (IS) Class I (1, 3)
- CD: CD - CSA (XP-AIS) Class I (1, 3)
- CE: CE - CSA (XP) Class I (1, 3)
- CR: CR - CSA (DIP) Class II (1, 3)
- IX: IX - Designed for unclassified area (1, 2, 3)
- FC: FC - FM (IS) Class I, II, III (1, 3)
- FD: FD - FM (XP-AIS) Class I (1, 3)
- FR: FR - FM (DIP) Class II (1, 3)
- FE: FE - FM (XP) Class I (1, 3)

Power Pac

NCR-80.: 80 GHz Radar

1: Plastic
2: Thread
3: Metal

NCR-80

ORDER CODE	DESCRIPTION	LIST PRICE	NOTES
BASE UNIT			
NCR-80.	80 GHz Radar Level Sensor	Call for price	1, 2, 3
APPROVALS			
CC	Approvals: CC - CSA (IS) Class I, II, III, Div 1, Groups A, B, C, D, E, F, G	Call for price	1, 3
CD	Approvals: CD - CSA (XP-AIS) Class I, Div 1, Groups A, B, C, D, (DIP-AIS) Class II, III Div 1, Groups E, F, G	Call for price	1, 3
CE	Approvals: CE - CSA (XP) Class I, Div 1, Groups A, B, C, D, (DIP) Class II, III Div 1, Groups E, F, G	Call for price	1, 3
CR	Approvals: CR - CSA (DIP) Class II, DIV 1 Groups E, F, G	Call for price	1, 3
IX	Approvals: IX - Designed for unclassified area, non-EX environment	Call for price	1, 2, 3
FC	Approvals: FC - FM (IS) Class I, II, III, Div 1, Groups A, B, C, D, E, F, G	Call for price	1, 3
FD	Approvals: FD - FM (XP-AIS) Class I, Div 1, Groups A, B, C, D, (DIP-AIS) Class II, III Div 1, Groups E, F, G	Call for price	1, 3
FR	Approvals: FR - FM (DIP) Class II, DIV 1 Groups E, F, G	Call for price	1, 3
FE	Approvals: FE - FM (XP) Class I, Div 1, Groups A, B, C, D, (DIP) Class II, III Div 1, Groups E, F, G	Call for price	1, 3
VERSION			
B	Version: B - Plastic horn antenna / PP	Call for price	1
T	Version: T - Thread with integrated horn antenna/PEEK	Call for price	2
C	Version: C - Metal jacketed lens antenna with rinsing air connection / PEEK	Call for price	3
MOUNTING			
XX	Mounting: XX - No Mounting	Call for price	1
XC	Mounting: XC - Mounting strap, length: 6.7 inches (170mm) / 316L	Call for price	1
XD	Mounting: XD - Mounting strap, length: 11.8 inches (300 mm) / 316L	Call for price	1
AU	Mounting: AU - Adapter flange 3" 150lb FF, ASME / PP-GF30	Call for price	1
AL	Mounting: AL - Adapter flange 4" 150lb FF, ASME / PP-GF30	Call for price	1
AO	Mounting: AO - Adapter flange 8" 150lb FF, ASME / PP-GF30	Call for price	1
AM	Mounting: AM - Adapter flange 6" 150lb FF, ASME / PP-GF30	Call for price	1
TD	Mounting: TD - Thread 1½" NPT PN20, ASME B1.20.1 / 316L	Call for price	2
FD	Mounting: FD - Flange 3" 150lb FF, ASME / 316 / 316L	Call for price	3
FE	Mounting: FE - Flange 4" 150lb FF, ASME / 316 / 316L	Call for price	3
FF	Mounting: FF - Flange 6" 150lb FF, ASME / 316 / 316L	Call for price	3
SD	Mounting: SD - Swiveling holder with flange 4" 150lb / 316 / 316L	Call for price	3
SE	Mounting: SE - Swiveling holder with flange 6" 150lb / 316 / 316L	Call for price	3
SF	Mounting: SF - Swiveling holder with flange 8" 150lb / 316 / 316L	Call for price	3
SEAL			
C	Seal: C - No Seal - PP / Process Temperature: -40°F to +176°F (80°C)	Call for price	1
D	Seal: D - FKM (SHS FPM 70C3 GLT) and PP / Process Temperature: -40°F to +176°F (80°C)	Call for price	1
E	Seal: E - EPDM (COG AP310) and PP / Process Temperature: -40°F to +176°F (80°C)	Call for price	1
F	Seal: F - EPDM (COG AP302) and PEEK (suitable for foodstuffs / pharmaceuticals) / Process Temperature: -40°F to 266°F (130°C)	Call for price	2, 3

1: Plastic
2: Thread
3: Metal

NCR-80

ORDER CODE	DESCRIPTION	LIST PRICE	NOTES
SEAL			
A	Seal: A - FKM (SHS FPM 70C3 GLT) and PEEK / Process Temperature: -40°F to +266°F (130°C)	Call for price	2, 3
B	Seal: B - FKM (SHS FPM 70C3 GLT) and PEEK / Process Temperature: -40°F to +392°F (200°C)	Call for price	2, 3
OUTPUT			
H	Output: H - Two wire 4-20mA / HART®; 12-35V DC	Call for price	1, 2, 3
U	Output: U - Four-wire Modbus (Requires Dual Chamber Housing); 8-30V DC	Call for price	1, 2, 3
B	Output: B - Four-wire 4-20mA / HART®; 90-253 VAC; 50/60 Hz (Requires Dual Chamber Housing)	Call for price	1, 2, 3
I	Output: I - Four-wire 4-20mA / HART®; 9.6-48V DC; 20-42V AC (Requires Dual Chamber Housing)	Call for price	1, 2, 3
P	Output: P - Two-wire Profibus PA	Call for price	1, 2, 3
HOUSING			
A	Housing: A - Aluminium single chamber / IP66/IP68 (0.2bar)	Call for price	1, 2, 3
K	Housing: K - Plastic single chamber / IP66/IP67	Call for price	1, 2, 3
8	Housing: 8 - Stainless steel single chamber (electropolished) / IP66/IP68 (0.2 bar)	Call for price	1, 2, 3
R	Housing: R - Plastic double chamber / IP66/IP67	Call for price	1, 2, 3
V	Housing: V - Stainless steel single chamber (precision casting) / IP66/IP68 (0.2 bar)	Call for price	1, 2, 3
W	Housing: W - Stainless steel double chamber / IP66/IP67	Call for price	1, 2, 3
D	Housing: D - Aluminium double chamber / IP66/IP67	Call for price	1, 2, 3
CONNECTION			
N	Cable Entry: N - Two ½" NPT / blind plug in one opening	Call for price	1, 2, 3
Q	Cable Entry: Q - Two ½" NPT / without plug in either opening	Call for price	1, 2, 3
DISPLAY			
X	Display: X - Without inspection window or BinDisc	Call for price	1, 2, 3
A	Display: A - Bindisc top mounted with display window	Call for price	1, 2, 3
F	Display: F - Top mounted BinDisc with inspection window	Call for price	2, 3
B	Display: B - Side mounted BinDisc with window	Call for price	1, 2, 3
MOUNTING PLATES			
416-0720	Self-aligning carbon steel flange with 1.5" Nylon ball and socket flange provides vertical connection for tanks with a radius dome or angled roof top, provides easy aiming flexibility. Based on a 7" bolt pattern.	Call for price	2
730-0747	0° mounting plate with 4" ANSI flange finished in a gray powder-coat, includes gasket and bolts.	Call for price	3
730-0756	10° mounting plate with 4" ANSI flange finished in a gray powder-coat, includes gasket and bolts.	Call for price	3
730-0748	30° mounting plate with 4" ANSI flange finished in a gray powder-coat, includes gasket and bolts.	Call for price	3
730-0776	45° mounting plate with 4" ANSI flange finished in a gray powder-coat, includes gasket and bolts.	Call for price	3
ACCESSORIES			
730-0713	WL-20 - Indoor / outdoor standard (-20°F to +140°F) wireless transceiver unit NEMA 4X with 4dBi omnidirectional antenna, selectable 115 VAC / 230 VAC, RS-485 connection terminal	Call for price	1, 2, 3
730-0090	Data Cable - ft. of Allen-Bradley blue hose RS-485 data cable, 20 AWG shielded twin axial, twisted pair, low capacitance, Belden #9463 or equivalent	Call for price	1, 2, 3
771-0053	BinDisc stand alone interface enables push-button sensor setup and configuration. The BinDisc can be integrated into the sensor housing and is installed and visible under the housing cover for easy viewing. BinDisc simplifies setup and provides continuous, at-a-glance, operational status of the sensor. This handy interface aids in on-site system diagnosis.	Call for price	1: Plastic 2: Thread 3: Metal