

Figure 6-5 describes the table that is referenced by the TBL parameter, and Table 6-11 lists the error codes.

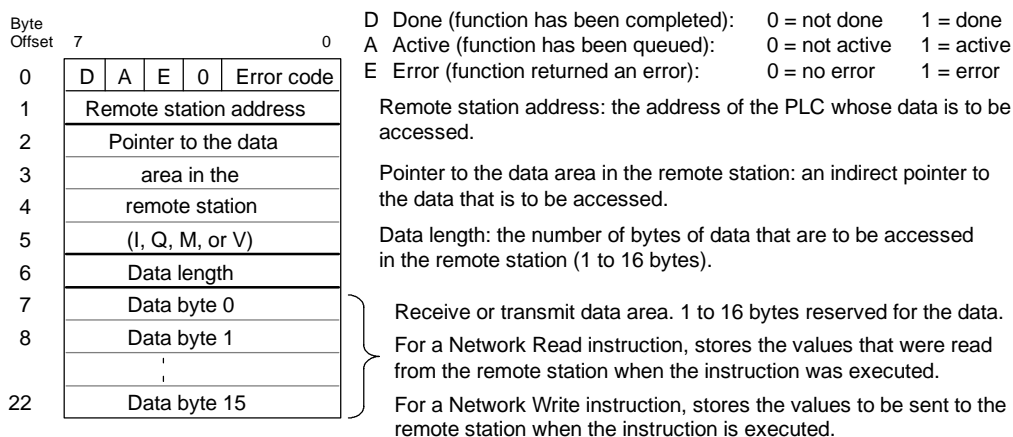


Figure 6-5 TBL Parameter for the Network Read and Network Write Instructions

Table 6-11 Error Codes for the TBL Parameter

Code	Definition
0	No error.
1	Time-out error: Remote station not responding.
2	Receive error: Parity, framing, or checksum error in the response.
3	Offline error: Collisions caused by duplicate station addresses or failed hardware.
4	Queue overflow error: More than 8 Network Read or Network Write instructions have been activated.
5	Protocol violation: Attempt to execute a Network Read or Network Write instruction without enabling the PPI Master Mode in SMB30 or SMB130.
6	Illegal parameter: TBL parameter contains an illegal or invalid value.
7	No resource: Remote station is busy. (An upload or a download sequence is in process.)
8	Layer 7 error: Application protocol violation
9	Message error: Wrong data address or incorrect data length
A to F	Not used. (Reserved)

Figure 6-6 shows an example to illustrate the utility of the Network Read and Network Write instructions. For this example, consider a production line where tubs of butter are being filled and sent to one of four boxing machines (case packers). The case packer packs eight tubs of butter into a single cardboard box. A diverter machine controls the flow of butter tubs to each of the case packers. Four S7-200s control the case packers, and an S7-200 with a TD 200 operator interface controls the diverter.